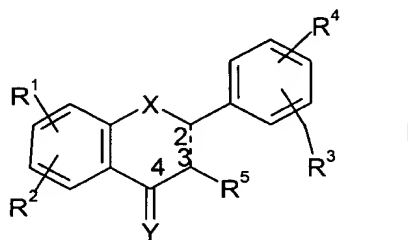


The following listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Presently Amended): A compound ~~compounds~~ of the formula I



where

X is O, S or NH;

Y is O, S or NH;

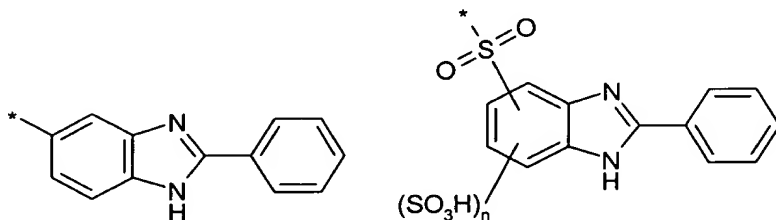
a single or double bond may be provided between carbons C-2 and C-3;

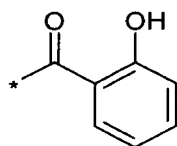
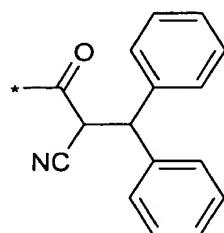
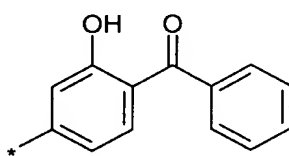
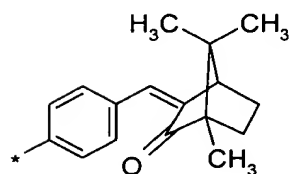
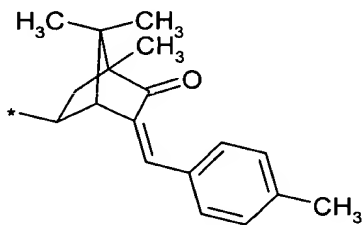
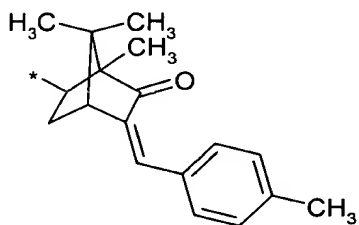
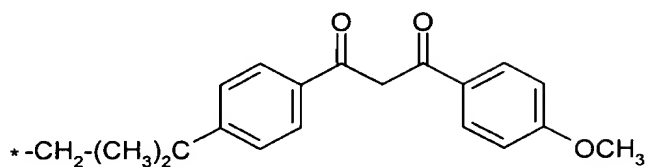
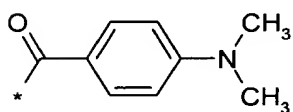
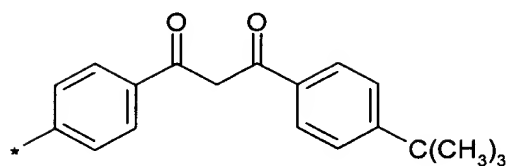
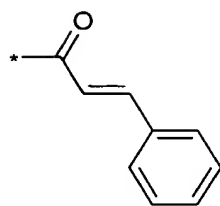
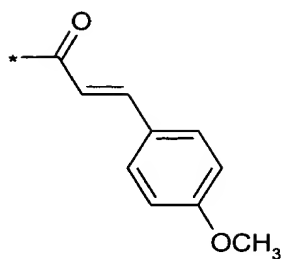
R¹ and R², and R³ and R⁴ may be provided at any positions on the ring, and also

R¹, R², R³, R⁴ and R⁵ may be identical or different and independently of one another are -H, -

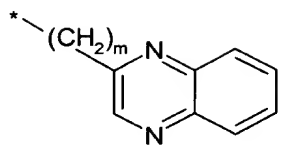
OH or -OA; and

A is a group which absorbs UV radiation selected from the group formed from:

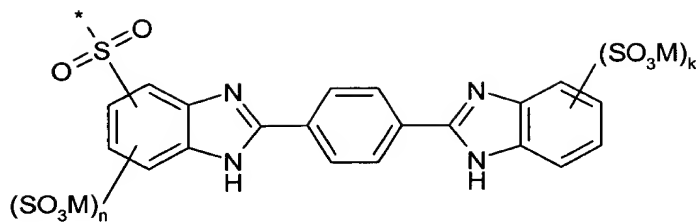




C1



and



where $n = 0, 1, 2$ or 3

$m = 0$ or 1

$k = 0, 1, 2, 3$ or 4

$M = H, Na$ or K

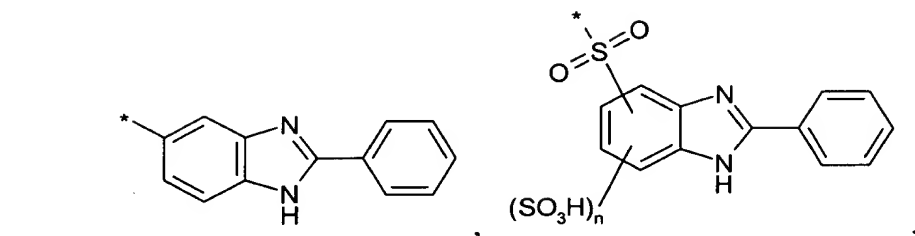
n is $0, 1, 2$ or 3 ,

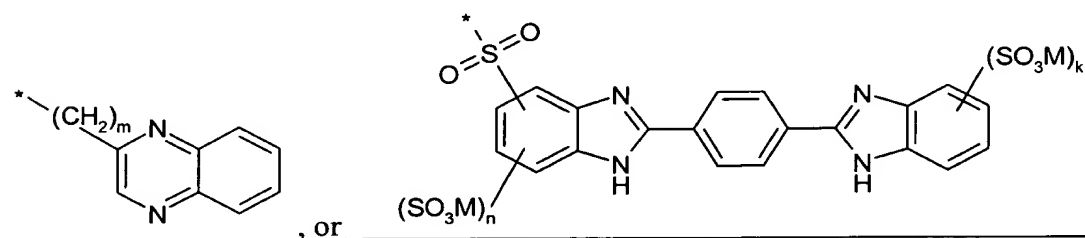
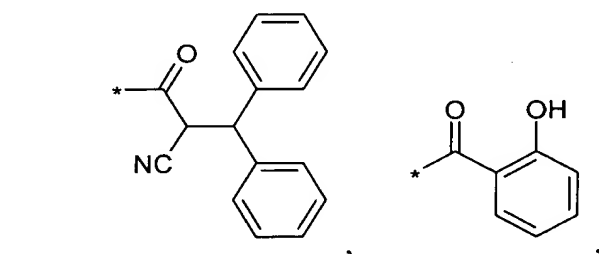
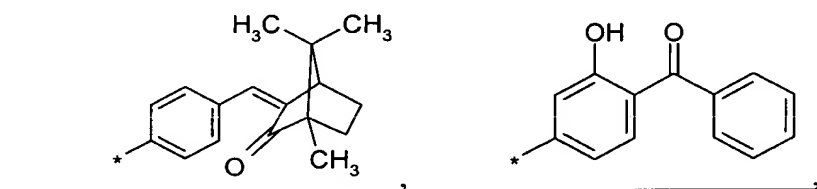
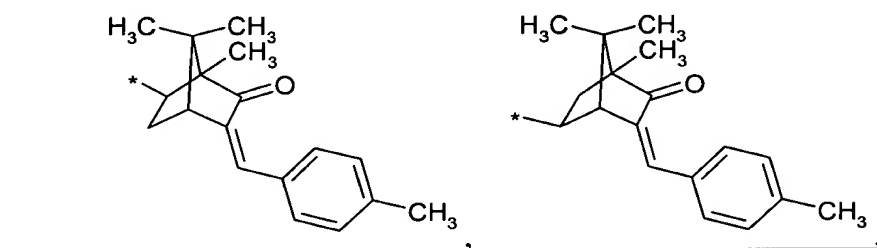
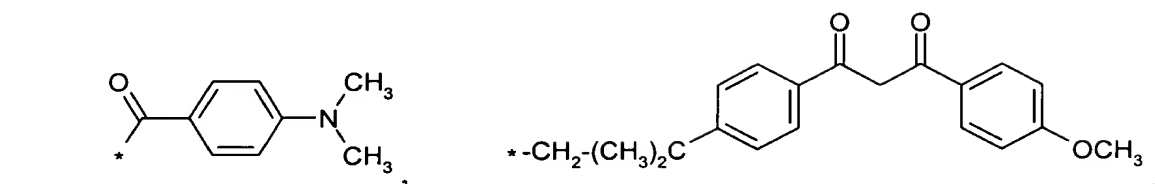
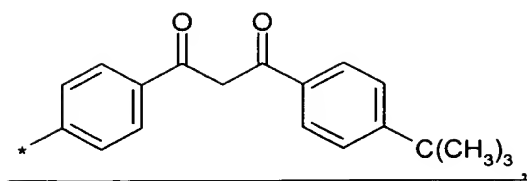
m is 0 or 1 ,

k is $0, 1, 2, 3$ or 4 , and

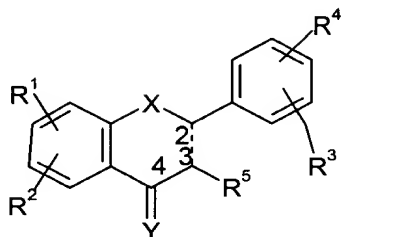
M is H, Na or K ;

and at least one of the groups R^1, R^2, R^3, R^4 or R^5 is ~~formed by~~ $-OA$ in which A is





2. (Presently Amended): A compound of formula I



where

X is O, S or NH;

Y is O, S or NH;

a single or double bond may be provided between carbons C-2 and C-3;

R¹ and R², and R³ and R⁴ may be provided at any positions on the ring, and also

R¹, R², R³, R⁴ and R⁵ may be identical or different and independently of one another are -H, -OH, or -OA, a straight-chain or branched oxyalkyl or carboxyalkyl group having 1 to 12 carbon atoms, a straight-chain or branched oxyalkenyl or carboxyalkenyl group having 2 to 12 carbon atoms, a straight-chain or branched hydroxyoxyalkyl group having 1 to 12 carbon atoms, where the hydroxyl group is bonded to a primary or secondary carbon atom and the alkyl chain is optionally interrupted by oxygen, a sulphate group, a phosphate group, or a mono- or oligoglycosyl radical; and

in addition R¹, R², R³, R⁴ and R⁵, independently of one another, can stand for a

- straight chain or branched oxyalkyl or carboxyalkyl group having 1 to 12 carbon atoms;

- straight chain or branched oxyalkenyl or carboxyalkenyl group having 2 to 12 carbon atoms;

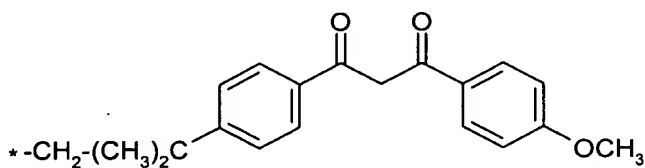
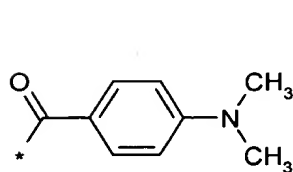
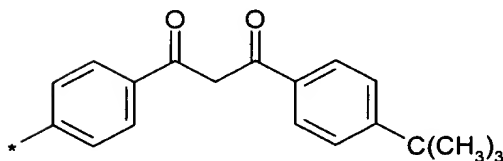
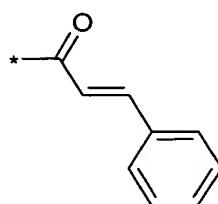
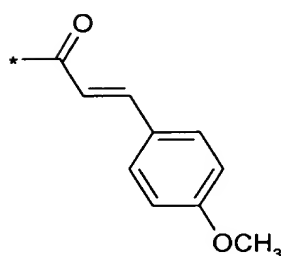
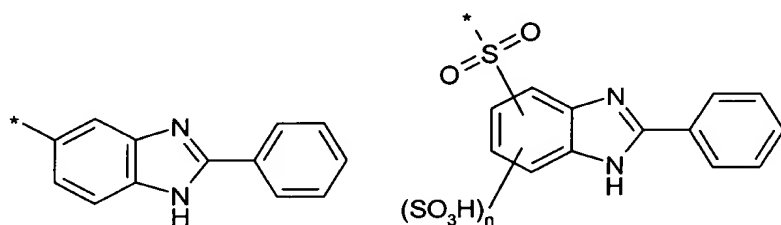
• ~~straight chain or branched hydroxyoxyalkyl group having 1 to 12 carbon atoms, where the hydroxyl group may be bonded to a primary or secondary carbon atom and, furthermore, the alkyl chain can also be interrupted by oxygen,~~

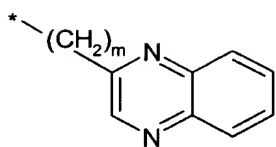
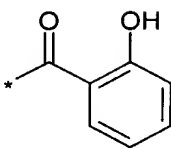
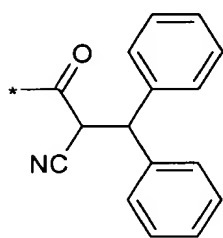
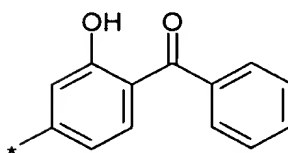
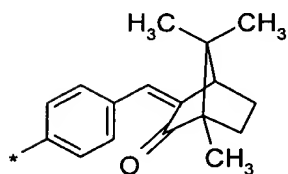
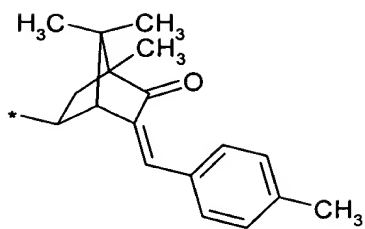
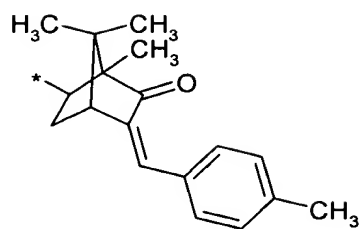
• ~~sulphate group,~~

• ~~phosphate group~~

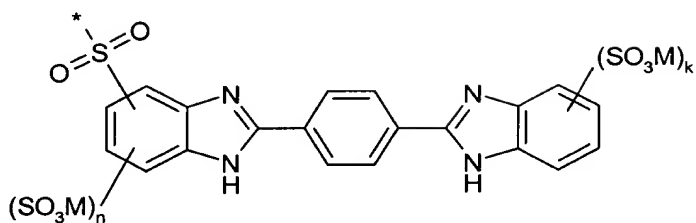
• ~~and a mono or oligoglycosyl radical, and~~

A is a group which absorbs UV radiation selected from ~~the group formed from:~~





and



where $n = 0, 1, 2$ or 3

$m = 0$ or 1

$k = 0, 1, 2, 3$ or 4

$M = H, Na$ or K

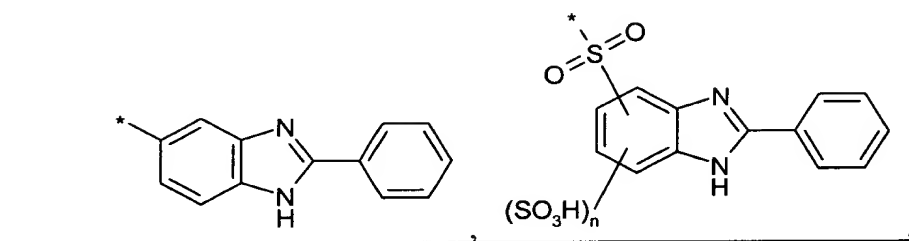
n is $0, 1, 2$ or 3 ,

m is 0 or 1 ,

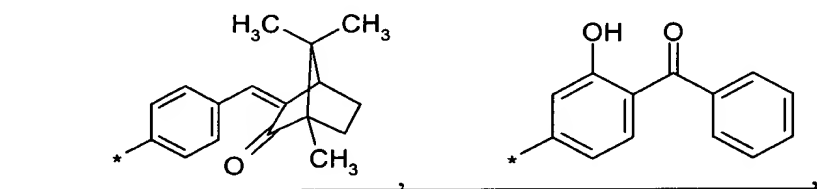
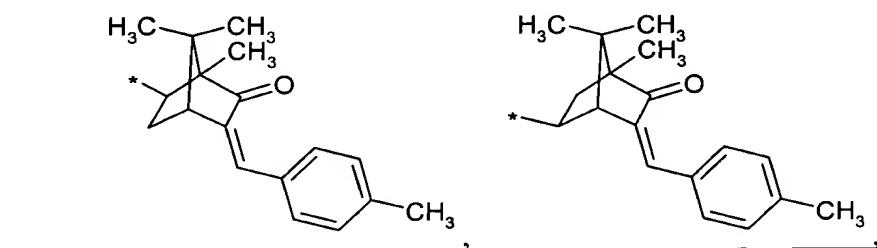
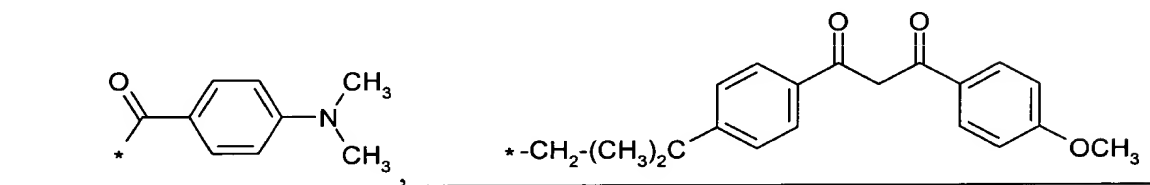
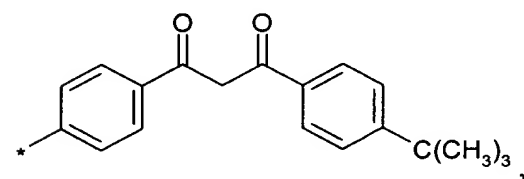
k is $0, 1, 2, 3$ or 4 , and

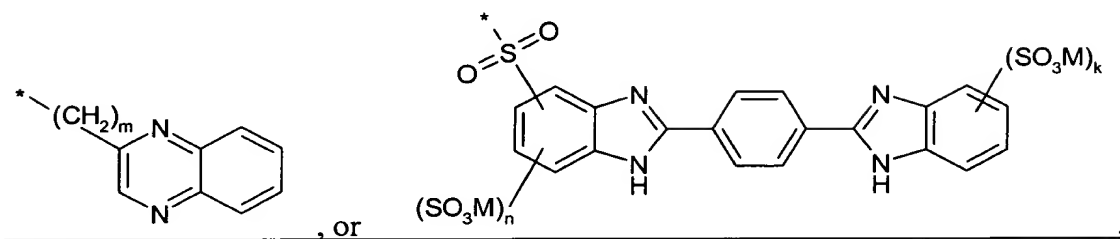
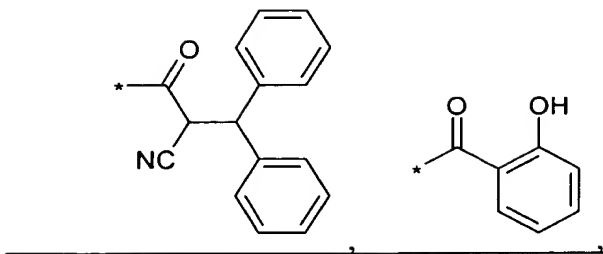
M is H, Na or K;

and at least one of the groups R^1 , R^2 , R^3 , R^4 or R^5 is ~~formed by~~ –OA in which A is

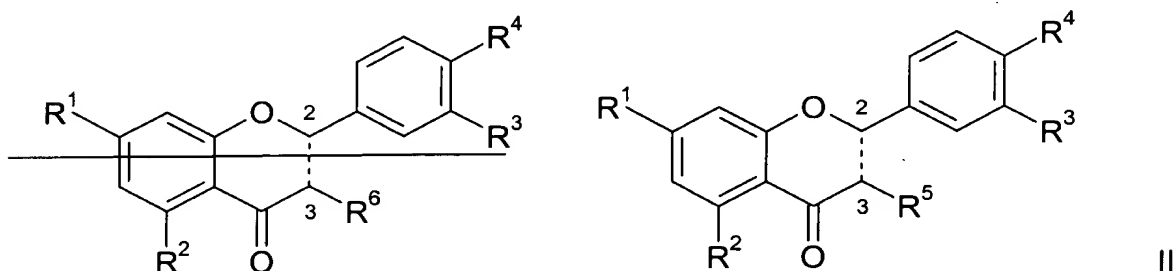


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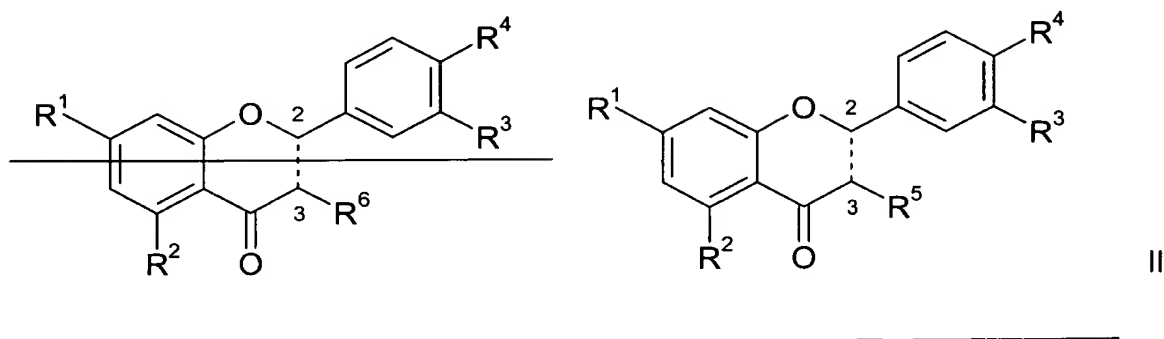




3. (Presently Amended): A compound according to Claim 1, wherein said compound is of formula II



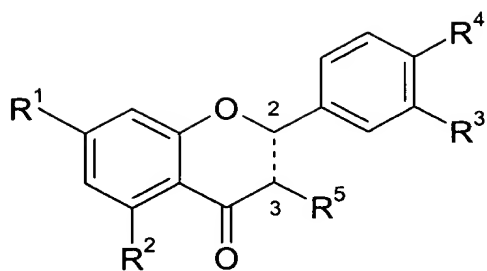
4. (Presently Amended): A compound according to Claim 2, wherein said compound is of formula II



5. (Original): In a cosmetic or pharmaceutical formulation comprising an active ingredient and a physiologically acceptable carrier, the improvement wherein said formulation comprises at least one compound according to Claim 1.

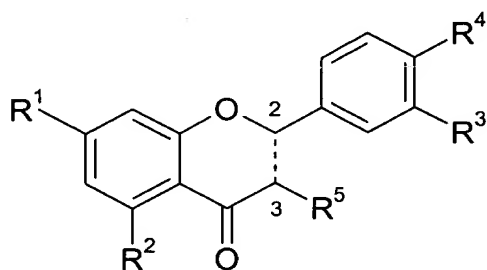
6. (Original): In a cosmetic or pharmaceutical formulation comprising an active ingredient and a physiologically acceptable carrier, the improvement wherein said formulation comprises at least one compound according to Claim 2.

7. (Presently Amended): A ~~In a cosmetic or pharmaceutical formulation comprising an active ingredient and a physiologically acceptable carrier, the improvement wherein said formulation comprises at least one compound~~ according to Claim 5 ~~3~~. wherein said compound is of formula II



II

8. (Presently Amended): A ~~In a cosmetic or pharmaceutical formulation comprising an active ingredient and a physiologically acceptable carrier, the improvement wherein said formulation comprises at least one compound according to Claim 6 4. wherein~~ said compound is of formula II



II

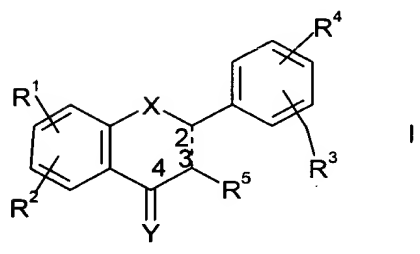
9. (Original): A cosmetic formulation according to Claim 5, where the formulation comprises one or more additional UV filters and/or antioxidants.

10. (Original): A cosmetic formulation according to Claim 6, where the formulation comprises one or more additional UV filters and/or antioxidants.

11. (Presently Amended): A method for protecting the body's cells of a patient against oxidative stress, ~~in particular for reducing skin ageing~~, comprising administering to said patient a formulation according to claim 5.

12. (Presently Amended): A method for protecting the body's cells of a patient against oxidative stress, ~~in particular for reducing skin ageing~~, comprising administering to said patient a formulation according to claim 6.

13. (Presently Amended): An enriched foodstuff comprising a foodstuff and at least one compound ~~according to Claim 1~~ of the formula I



wherein

X is O, S or NH;

Y is O, S or NH;

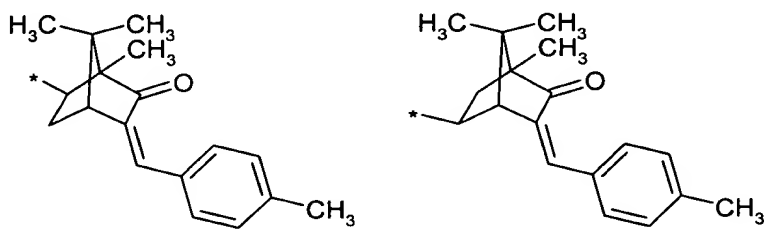
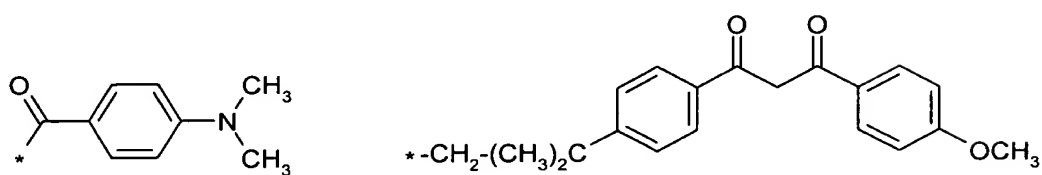
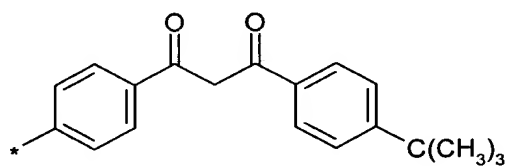
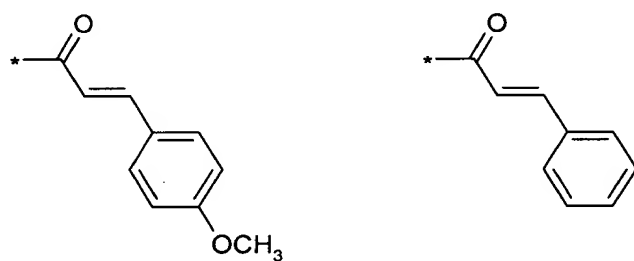
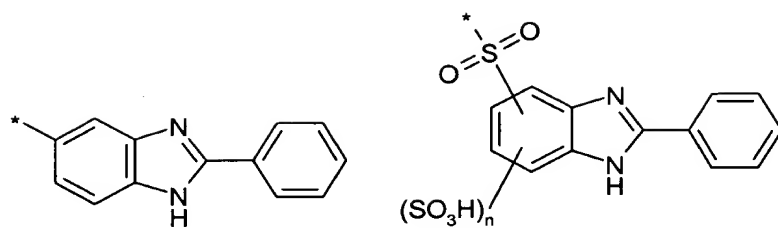
a single or double bond may be provided between carbons C-2 and C-3;

R¹ and R², and R³ and R⁴ may be provided at any positions on the ring, and also

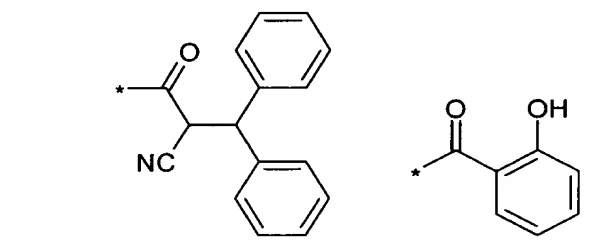
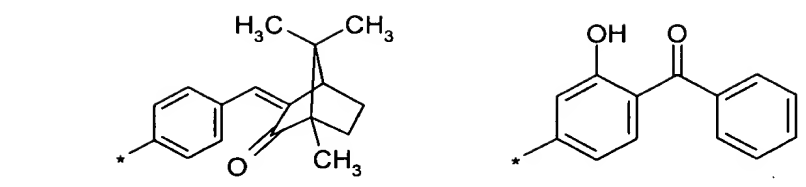
R¹, R², R³, R⁴ and R⁵ may be identical or different and independently of one another are -H, -

OH or -OA; and

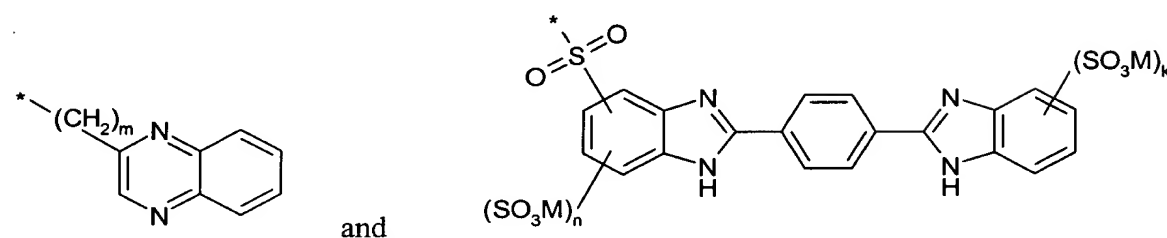
A is a group which absorbs UV radiation selected from:



C1



Cl



wherein n is 0, 1, 2 or 3,

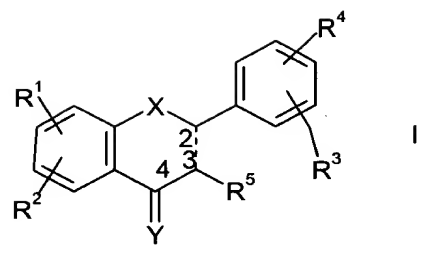
m is 0 or 1,

k is 0, 1, 2, 3 or 4, and

M is H, Na or K;

and at least one of the groups R¹, R², R³, R⁴ or R⁵ is -OA.

14. (Presently Amended): An enriched foodstuff comprising a foodstuff and at least one compound ~~according to Claim 2~~ of formula I



where

X is O, S or NH;

Y is O, S or NH;

a single or double bond may be provided between carbons C-2 and C-3;

R¹ and R², and R³ and R⁴ may be provided at any positions on the ring, and also

R¹, R², R³, R⁴ and R⁵ may be identical or different and independently of one another are -H, -

OH, -OA, a straight-chain or branched oxyalkyl or carboxyalkyl group having 1 to 12 carbon

atoms, a straight-chain or branched oxyalkenyl or carboxyalkenyl group having 2 to 12

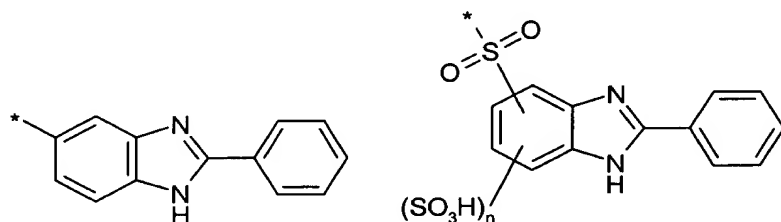
carbon atoms, a straight-chain or branched hydroxyoxyalkyl group having 1 to 12 carbon

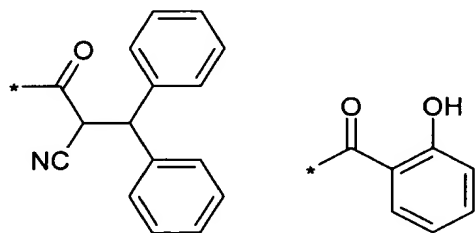
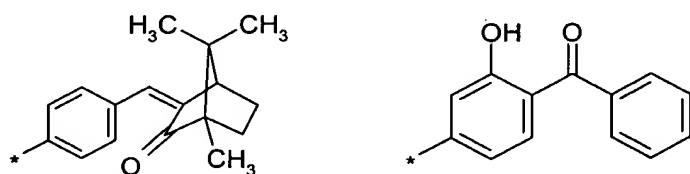
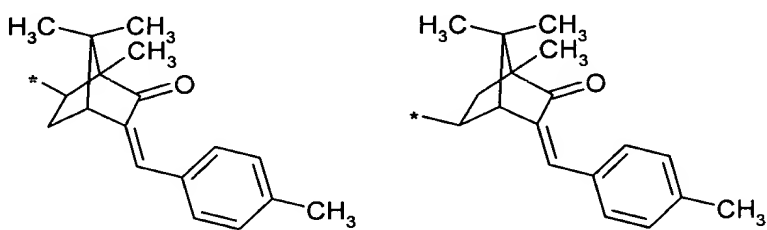
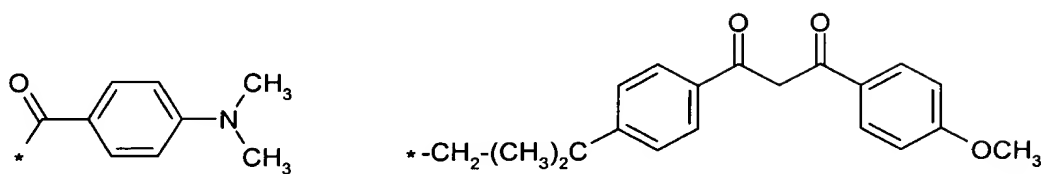
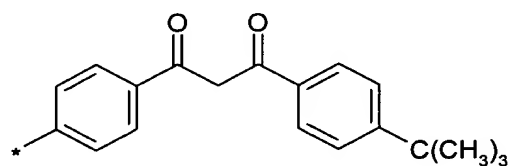
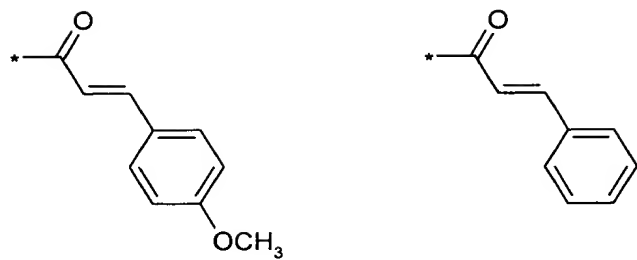
atoms, where the hydroxyl group is bonded to a primary or secondary carbon atom and the

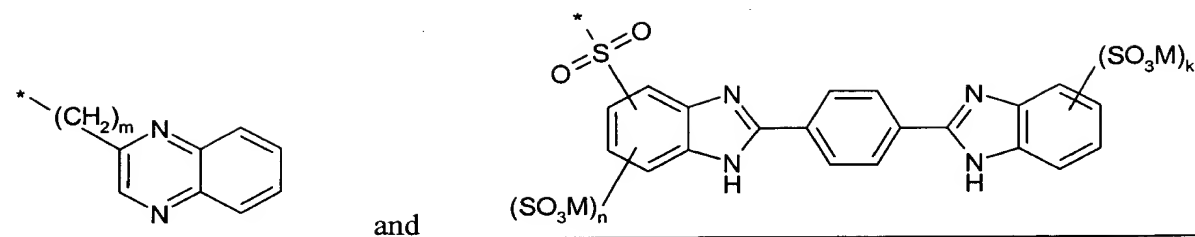
alkyl chain is optionally interrupted by oxygen, a sulphate group, a phosphate group, or a

mono- or oligoglycosyl radical; and

A is a group which absorbs UV radiation selected from:







wherein n is 0, 1, 2 or 3,

m is 0 or 1,

k is 0, 1, 2, 3 or 4, and

M is H, Na or K;

and at least one of the groups R¹, R², R³, R⁴ or R⁵ is -OA.

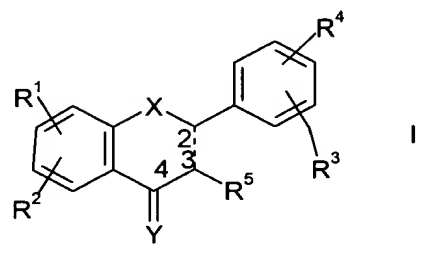
C1

15. (Presently Amended): In a method of preparing a medicament comprising combining an active ingredient with a carrier, the improvement wherein said medicament contains an antioxidant effective amount of a A compound according to Claim 1 as medicaments.

16. (Presently Amended): In a method of preparing a medicament comprising combining an active ingredient with a carrier, the improvement wherein said medicament contains an antioxidant effective amount of a A compound according to Claim 2 as medicaments.

17. (Presently Amended): In a method of treating a patient ~~Use of a compound according to Claim 2 for the preparation of a medicament against oxidative stress, in~~

particular for reducing skin ageing the improvement comprising administering to said patient
a compound of formula I



where

X is O, S or NH;

Y is O, S or NH;

a single or double bond may be provided between carbons C-2 and C-3;

R¹ and R², and R³ and R⁴ may be provided at any positions on the ring, and also

R¹, R², R³, R⁴ and R⁵ may be identical or different and independently of one another are -H, -

OH, -OA, a straight-chain or branched oxyalkyl or carboxyalkyl group having 1 to 12 carbon

atoms, a straight-chain or branched oxyalkenyl or carboxyalkenyl group having 2 to 12

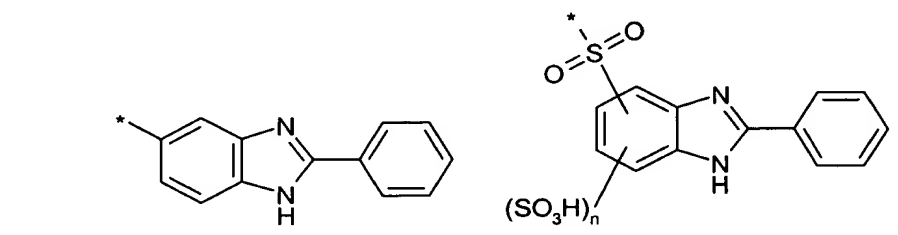
carbon atoms, a straight-chain or branched hydroxyoxyalkyl group having 1 to 12 carbon

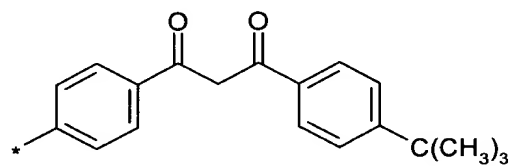
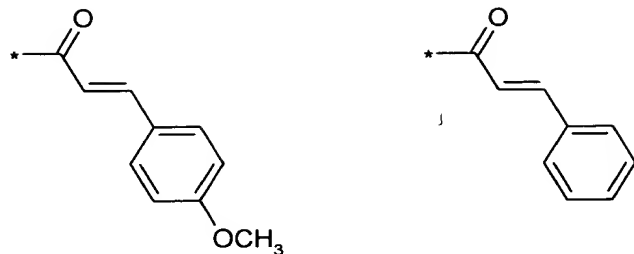
atoms, where the hydroxyl group is bonded to a primary or secondary carbon atom and the

alkyl chain is optionally interrupted by oxygen, a sulphate group, a phosphate group, or a

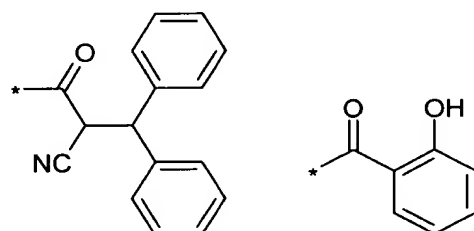
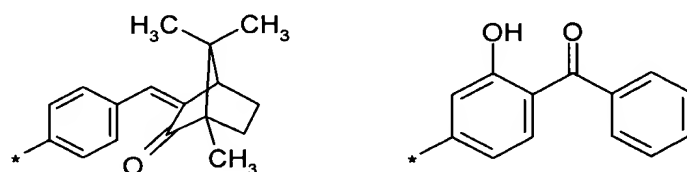
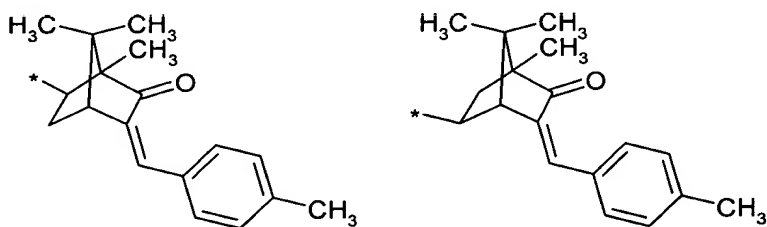
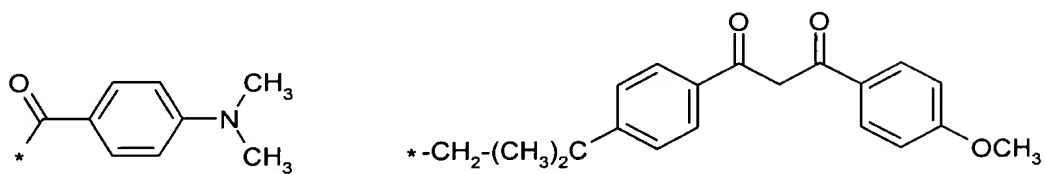
mono- or oligoglycosyl radical; and

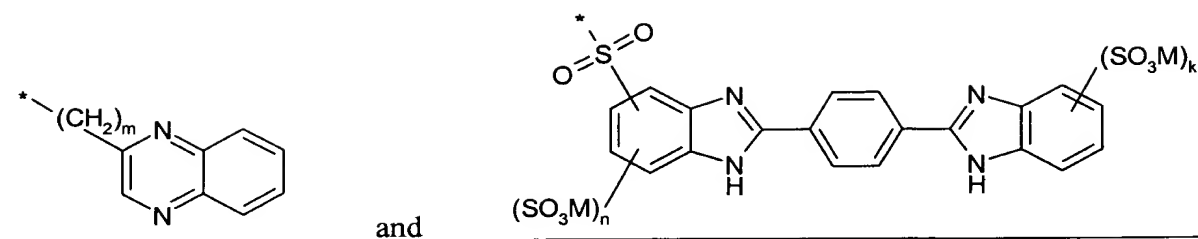
A is a group which absorbs UV radiation selected from:





C1





wherein n is 0, 1, 2 or 3,

m is 0 or 1,

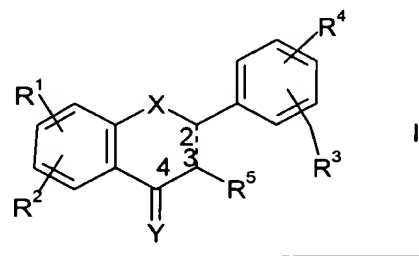
k is 0, 1, 2, 3 or 4, and

M is H, Na or K;

and at least one of the groups R^1 , R^2 , R^3 , R^4 or R^5 is -OA.

C1

18. (Presently Amended): In a method of treating a patient Use of a compound according to Claim 2 for the preparation of a medicament for the treatment of inflammations or allergic reactions, the improvement comprising administering to said patient a compound of formula I



where

X is O, S or NH;

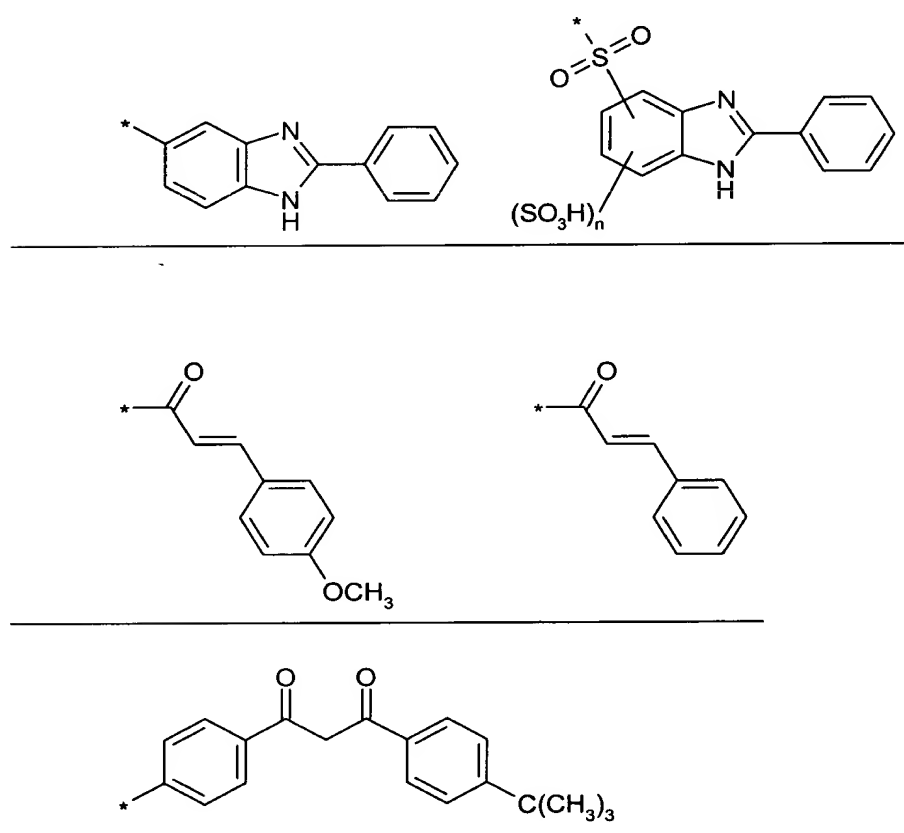
Y is O, S or NH;

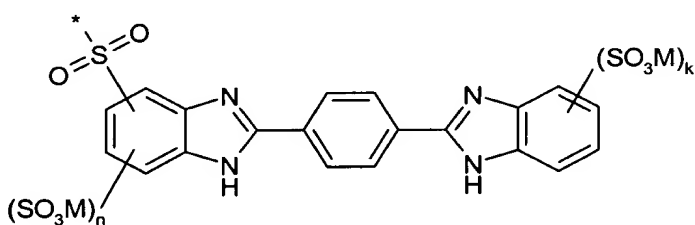
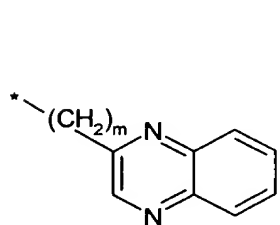
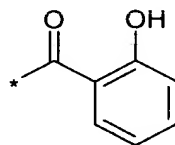
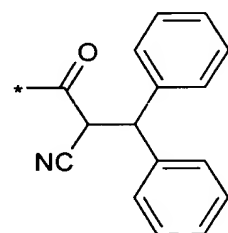
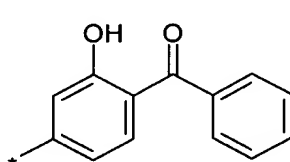
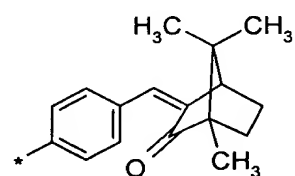
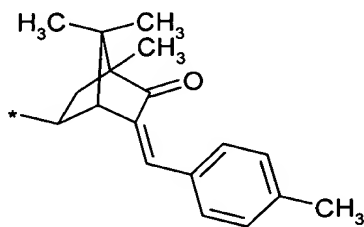
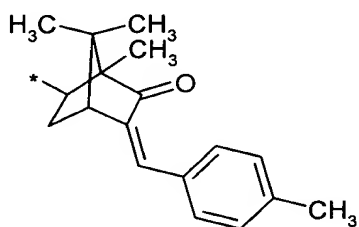
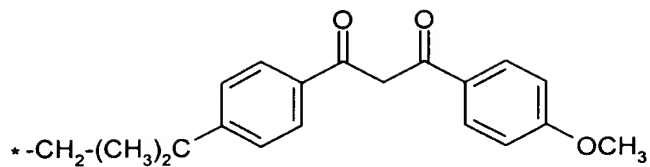
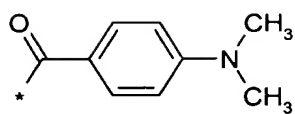
a single or double bond may be provided between carbons C-2 and C-3;

R^1 and R^2 , and R^3 and R^4 may be provided at any positions on the ring, and also

R^1, R^2, R^3, R^4 and R^5 may be identical or different and independently of one another are $-H$, $-OH$, $-OA$, a straight-chain or branched oxyalkyl or carboxyalkyl group having 1 to 12 carbon atoms, a straight-chain or branched oxyalkenyl or carboxyalkenyl group having 2 to 12 carbon atoms, a straight-chain or branched hydroxyoxyalkyl group having 1 to 12 carbon atoms, where the hydroxyl group is bonded to a primary or secondary carbon atom and the alkyl chain is optionally interrupted by oxygen, a sulphate group, a phosphate group, or a mono- or oligoglycosyl radical; and

A is a group which absorbs UV radiation selected from:





and

wherein n is 0, 1, 2 or 3,

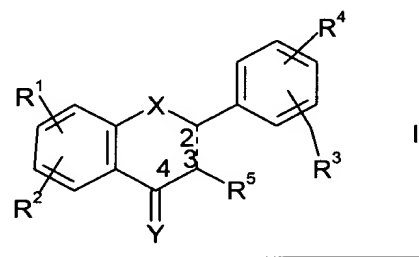
m is 0 or 1,

k is 0, 1, 2, 3 or 4, and

M is H, Na or K;

and at least one of the groups R¹, R², R³, R⁴ or R⁵ is -OA.

19. (Presently Amended): In a method of providing a cosmetic formulation with antioxidant properties, the improvement wherein Use of a compound according to Claim 2 of formula I is added to said cosmetic formulation as an antioxidant, in particular for cosmetic formulations



where

X is O, S or NH;

Y is O, S or NH;

a single or double bond may be provided between carbons C-2 and C-3;

R¹ and R², and R³ and R⁴ may be provided at any positions on the ring, and also

R¹, R², R³, R⁴ and R⁵ may be identical or different and independently of one another are -H, -

OH, -OA, a straight-chain or branched oxyalkyl or carboxyalkyl group having 1 to 12 carbon

atoms, a straight-chain or branched oxyalkenyl or carboxyalkenyl group having 2 to 12

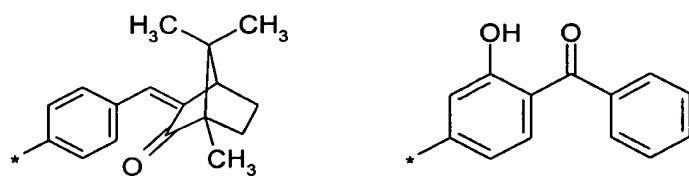
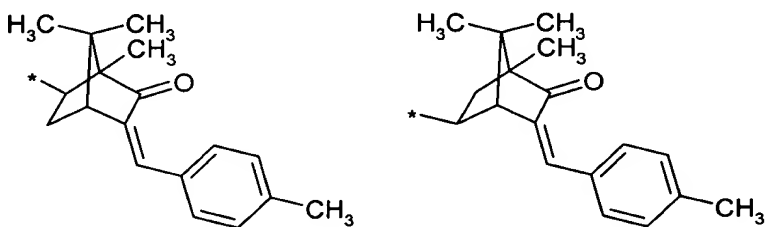
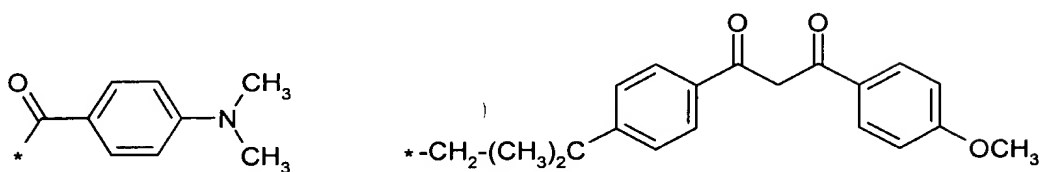
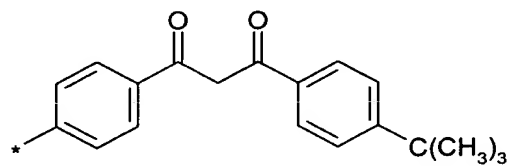
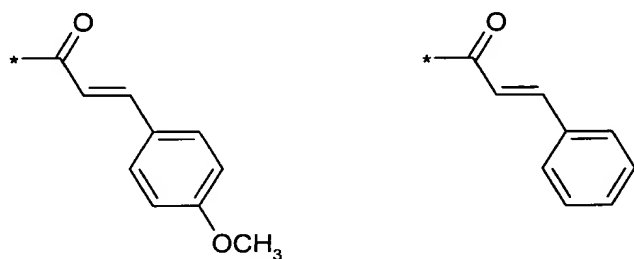
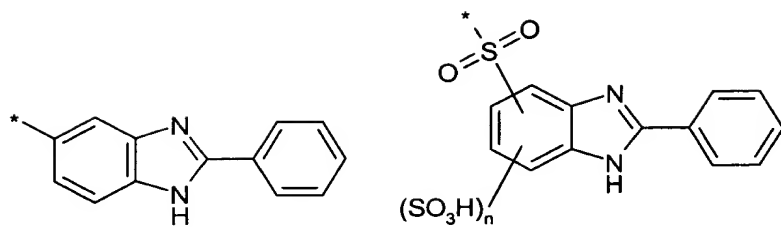
carbon atoms, a straight-chain or branched hydroxyoxyalkyl group having 1 to 12 carbon

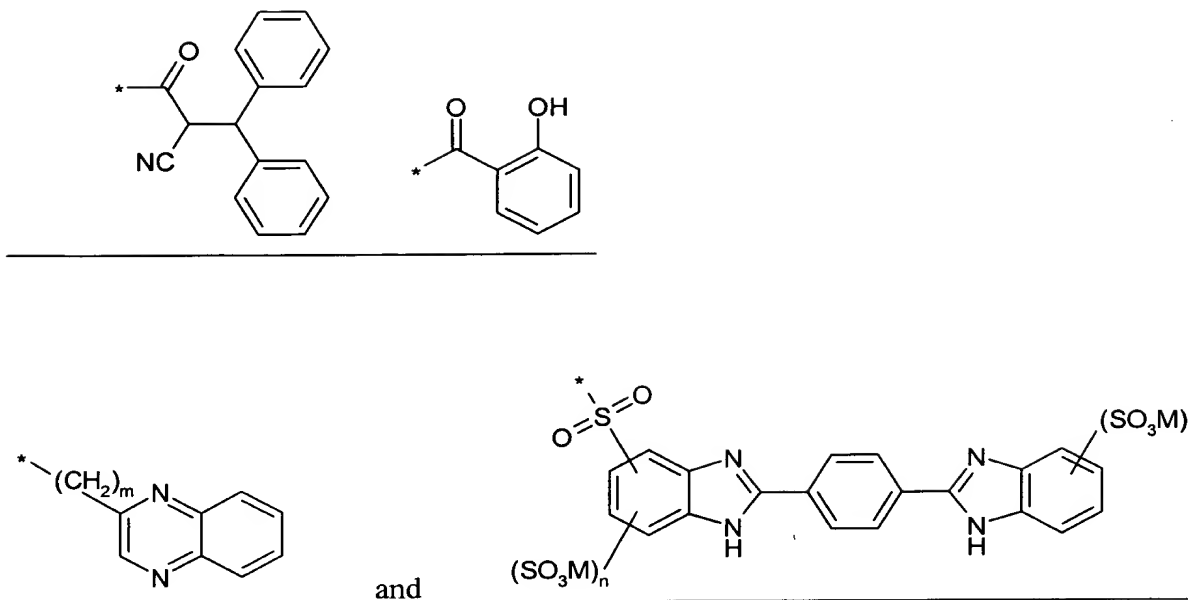
atoms, where the hydroxyl group is bonded to a primary or secondary carbon atom and the

alkyl chain is optionally interrupted by oxygen, a sulphate group, a phosphate group, or a

mono- or oligoglycosyl radical; and

A is a group which absorbs UV radiation selected from:





wherein n is 0, 1, 2 or 3,

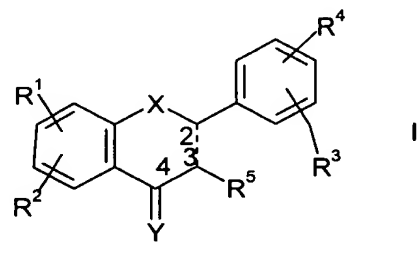
m is 0 or 1,

k is 0, 1, 2, 3 or 4, and

M is H, Na or K;

and at least one of the groups R^1 , R^2 , R^3 , R^4 or R^5 is -OA.

20. (Presently Amended): In a method of stabilizing a UV filter, the improvement wherein a compound Use of compounds according to Claim 2 of formula I is used to stabilize the UV filter for the stabilization of UV filters, in particular dibenzoylmethane and derivatives of dibenzoylmethane



where

X is O, S or NH;

Y is O, S or NH;

a single or double bond may be provided between carbons C-2 and C-3;

R¹ and R², and R³ and R⁴ may be provided at any positions on the ring, and also

R¹, R², R³, R⁴ and R⁵ may be identical or different and independently of one another are -H, -

OH, -OA, a straight-chain or branched oxyalkyl or carboxyalkyl group having 1 to 12 carbon

atoms, a straight-chain or branched oxyalkenyl or carboxyalkenyl group having 2 to 12

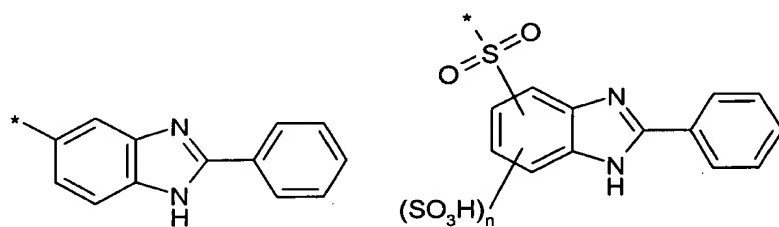
carbon atoms, a straight-chain or branched hydroxyoxyalkyl group having 1 to 12 carbon

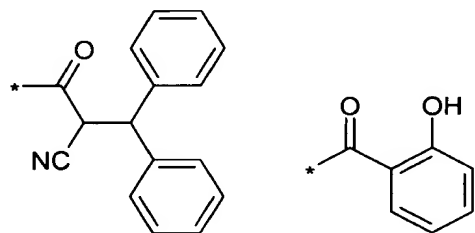
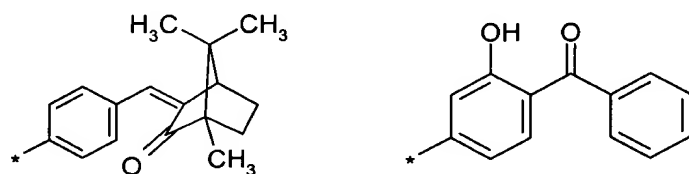
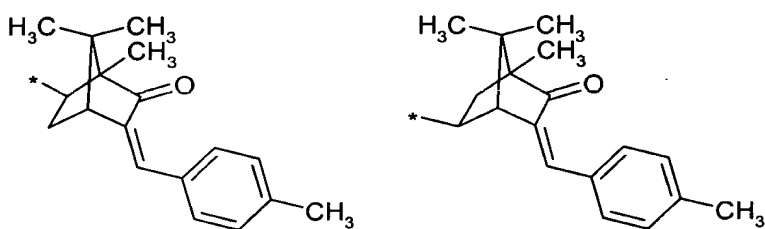
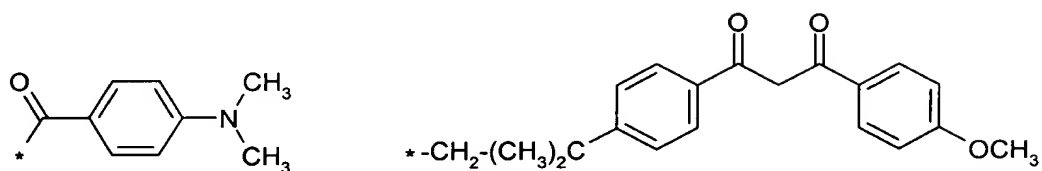
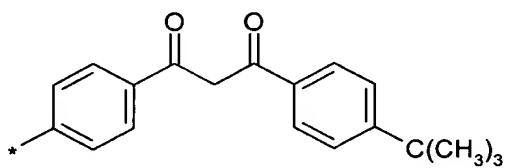
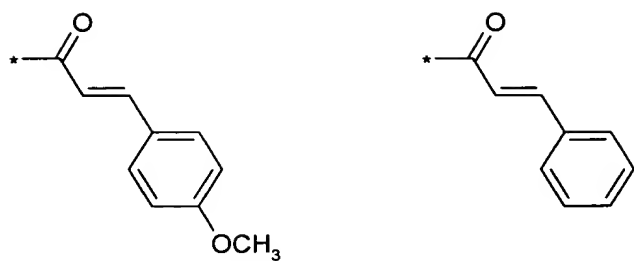
atoms, where the hydroxyl group is bonded to a primary or secondary carbon atom and the

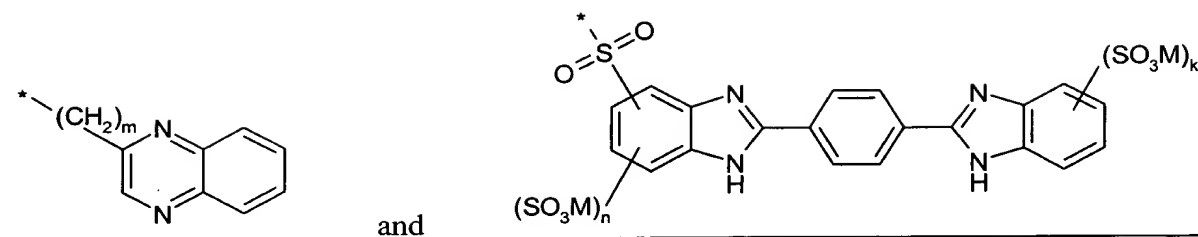
alkyl chain is optionally interrupted by oxygen, a sulphate group, a phosphate group, or a

mono- or oligoglycosyl radical; and

A is a group which absorbs UV radiation selected from:







wherein n is 0, 1, 2 or 3,

m is 0 or 1,

k is 0, 1, 2, 3 or 4, and

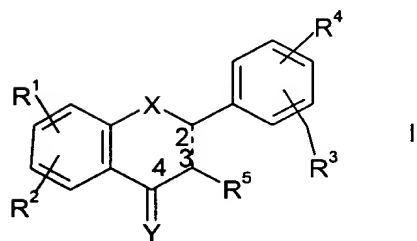
M is H, Na or K;

and at least one of the groups R^1 , R^2 , R^3 , R^4 or R^5 is-OA.

C1

21. (Previously Presented): A compound according to claim 1, wherein X is O.

22. (New): A compound of the formula I



where

X is O, S or NH;

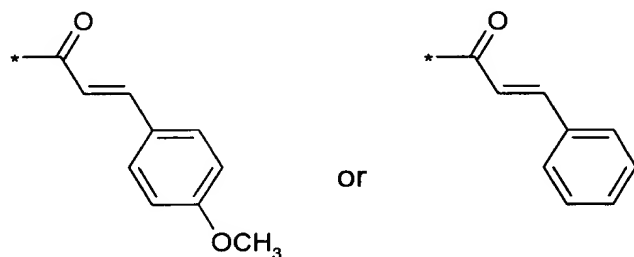
Y is O, S or NH;

a single or double bond may be provided between carbons C-2 and C-3;

R^1 and R^2 , and R^3 and R^4 may be provided at any positions on the ring, and also

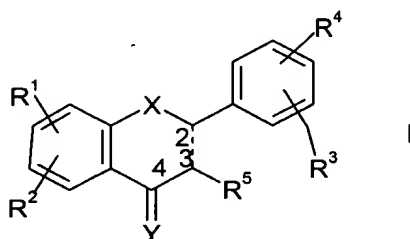
R^1 , R^2 , R^3 , R^4 and R^5 may be identical or different and independently of one another are $-H$, $-OH$ or $-OA$; and

A is



wherein at least two of the groups R^1 , R^2 , R^3 , R^4 or R^5 are each $-OA$.

23. (New): A compound of formula I



wherein

X is O, S or NH;

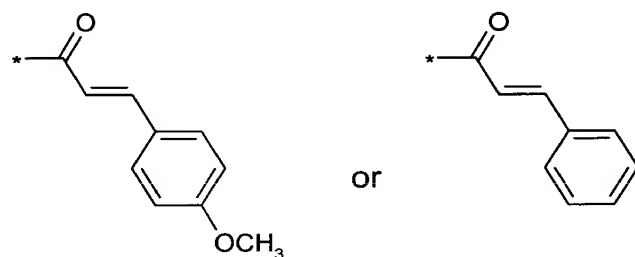
Y is O, S or NH;

a single or double bond may be provided between carbons C-2 and C-3;

R^1 and R^2 , and R^3 and R^4 may be provided at any positions on the ring, and also

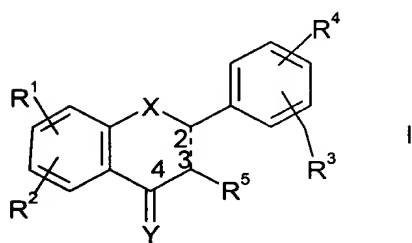
R^1, R^2, R^3, R^4 and R^5 may be identical or different and independently of one another are $-H$, $-OH$, $-OA$, a straight-chain or branched oxyalkyl or carboxyalkyl group having 1 to 12 carbon atoms, a straight-chain or branched oxyalkenyl or carboxyalkenyl group having 2 to 12 carbon atoms, a straight-chain or branched hydroxyoxyalkyl group having 1 to 12 carbon atoms, where the hydroxyl group is bonded to a primary or secondary carbon atom and the alkyl chain is optionally interrupted by oxygen, a sulphate group, a phosphate group, or a mono- or oligoglycosyl radical; and

A is



and at least two of the groups R^1, R^2, R^3, R^4 or R^5 are each $-OA$.

24. (New): In a method of treating a patient against oxidative stress, the improvement comprising administering to said patient a compound of the formula I



wherein

X is O, S or NH;

Y is O, S or NH;

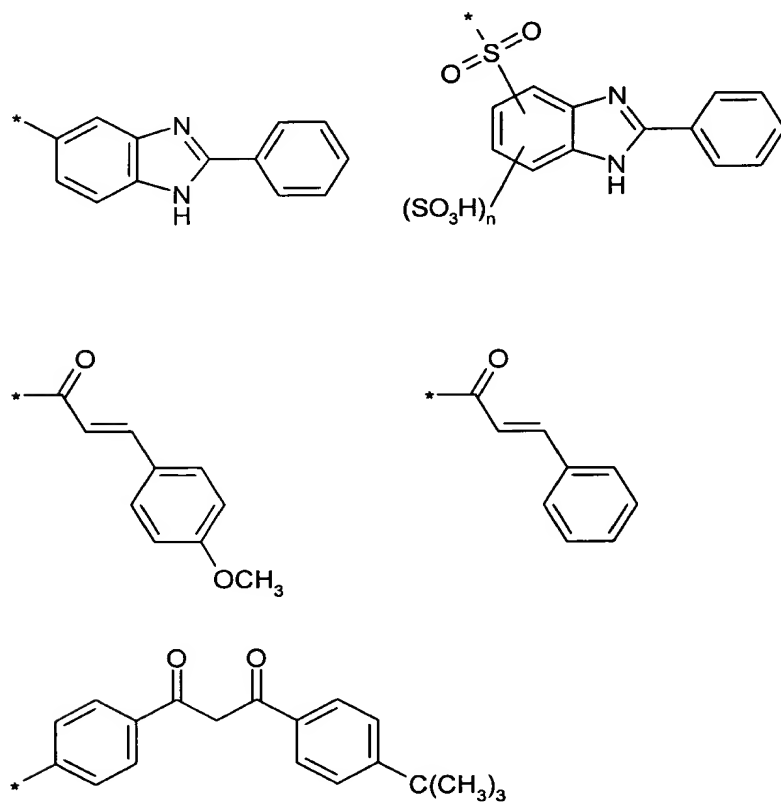
a single or double bond may be provided between carbons C-2 and C-3;

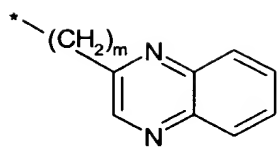
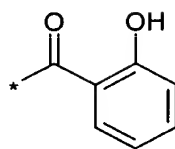
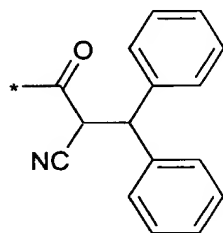
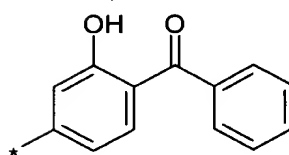
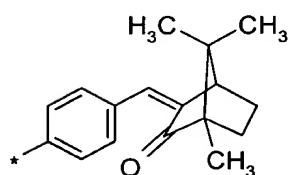
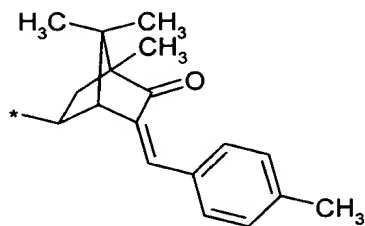
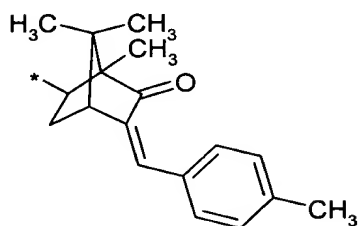
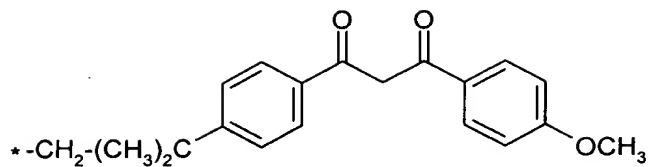
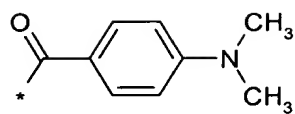
R¹ and R², and R³ and R⁴ may be provided at any positions on the ring, and also

R¹, R², R³, R⁴ and R⁵ may be identical or different and independently of one another are -H, -

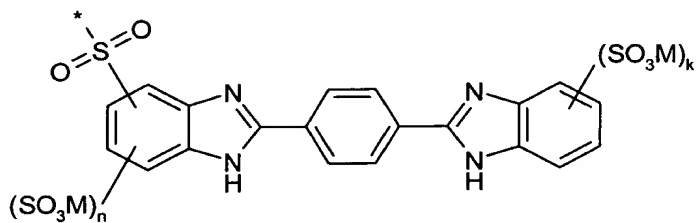
OH or -OA; and

A is a group which absorbs UV radiation selected:





and



wherein n is 0, 1, 2 or 3,

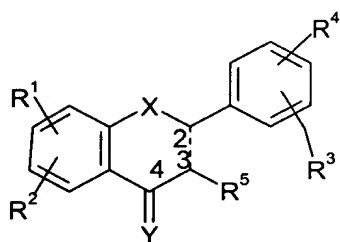
m is 0 or 1,

k is 0, 1, 2, 3 or 4, and

M is H, Na or K;

and at least one of the groups R^1 , R^2 , R^3 , R^4 or R^5 is $-OA$.

25. (New): In a method of treating a patient for inflammations or allergic reactions, the improvement comprising administering to said patient a compound of the formula I



wherein

X is O, S or NH;

Y is O, S or NH;

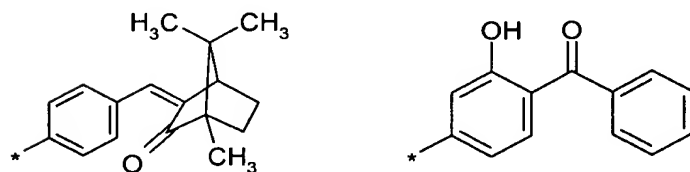
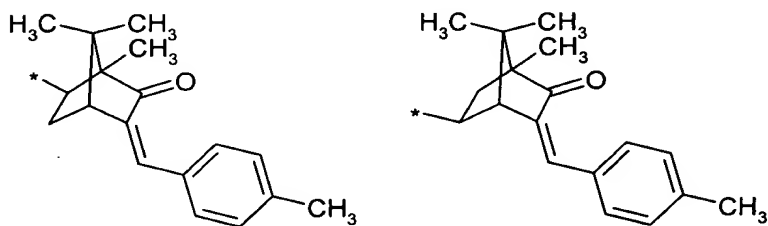
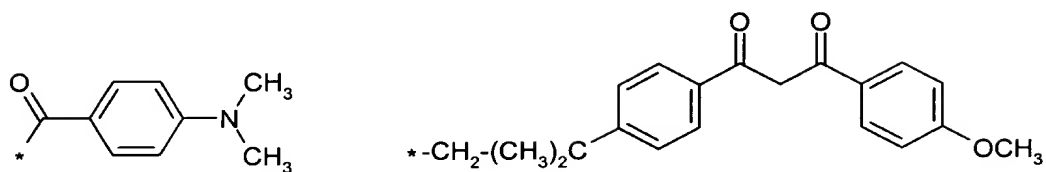
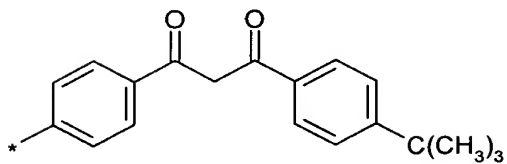
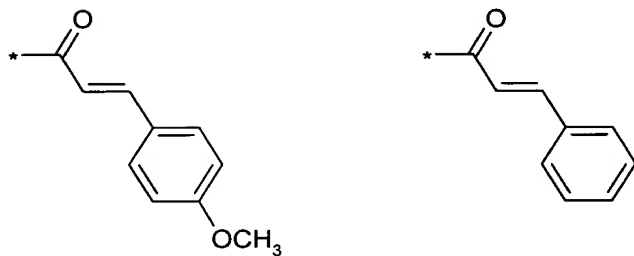
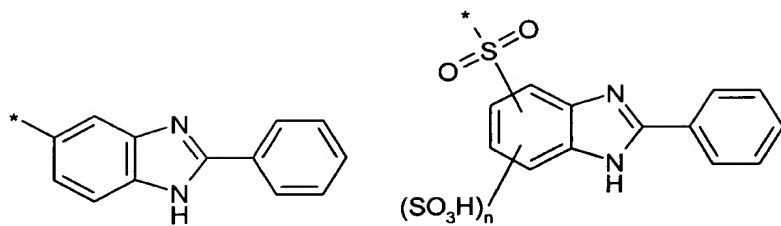
a single or double bond may be provided between carbons C-2 and C-3;

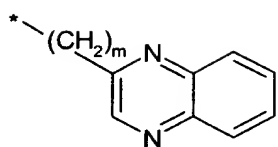
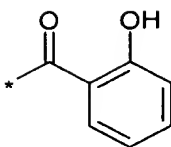
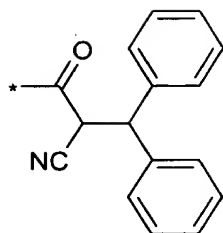
R^1 and R^2 , and R^3 and R^4 may be provided at any positions on the ring, and also

R^1 , R^2 , R^3 , R^4 and R^5 may be identical or different and independently of one another are $-H$, -

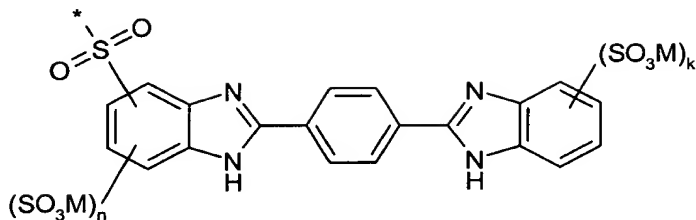
OH or $-OA$; and

A is a group which absorbs UV radiation selected:





and



C1

wherein n is 0, 1, 2 or 3,

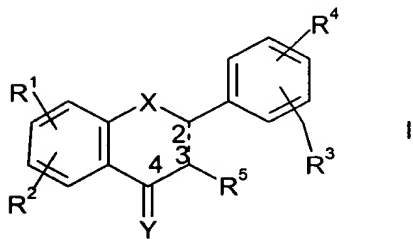
m is 0 or 1,

k is 0, 1, 2, 3 or 4, and

M is H, Na or K;

and at least one of the groups R^1 , R^2 , R^3 , R^4 or R^5 is $-OA$.

26. (New): In a method of providing a cosmetic formulation with antioxidant properties, the improvement wherein a compound of formula I is added to said cosmetic formulation as an antioxidant



wherein

X is O, S or NH;

Y is O, S or NH;

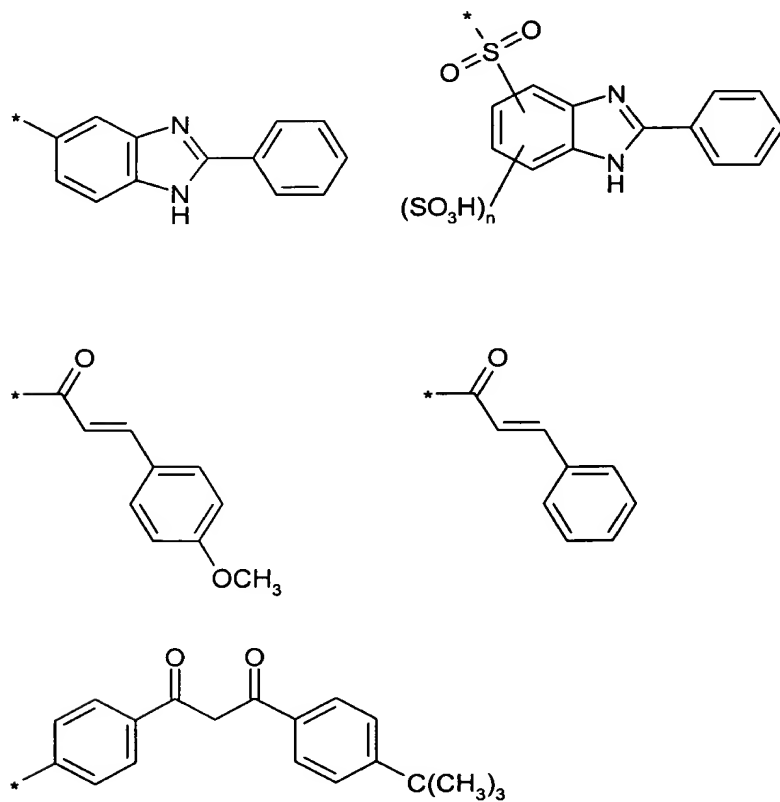
a single or double bond may be provided between carbons C-2 and C-3;

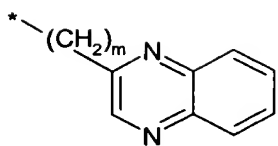
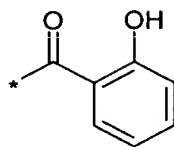
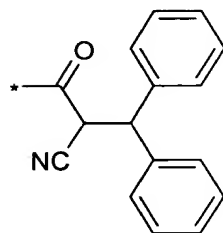
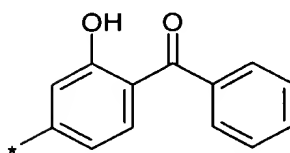
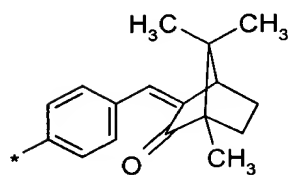
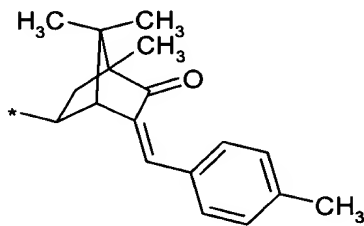
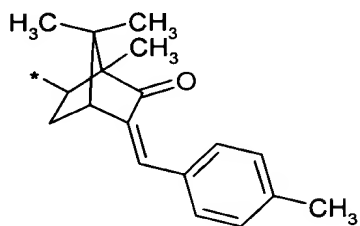
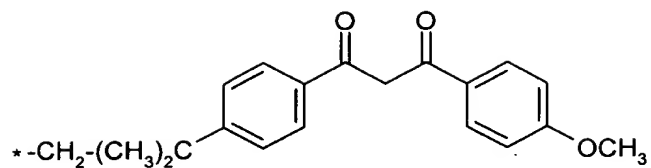
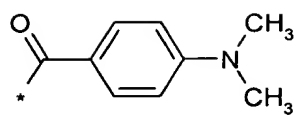
R¹ and R², and R³ and R⁴ may be provided at any positions on the ring, and also

R¹, R², R³, R⁴ and R⁵ may be identical or different and independently of one another are -H, -OH or -OA; and

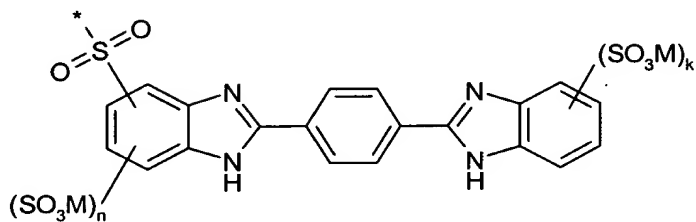
A is a group which absorbs UV radiation selected:

cl





and



wherein n is 0, 1, 2 or 3,

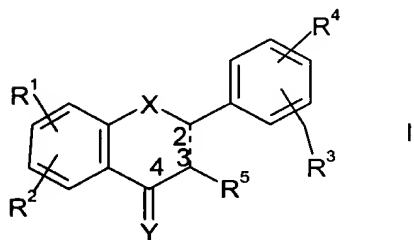
m is 0 or 1,

k is 0, 1, 2, 3 or 4, and

M is H, Na or K;

and at least one of the groups R^1 , R^2 , R^3 , R^4 or R^5 is $-OA..$

27. (New): In a method of stabilizing a UV filter, the improvement wherein a compound according to formula I is used to stabilize the UV filter



wherein

X is O, S or NH;

Y is O, S or NH;

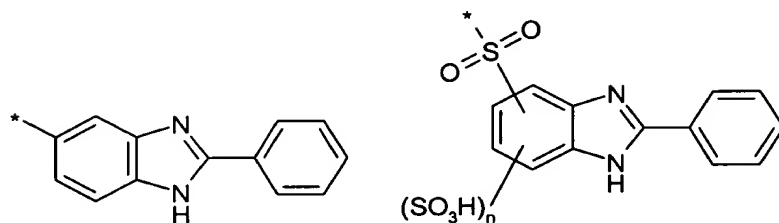
a single or double bond may be provided between carbons C-2 and C-3;

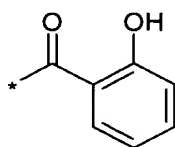
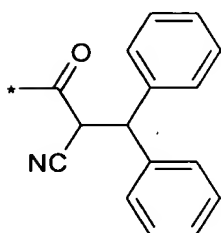
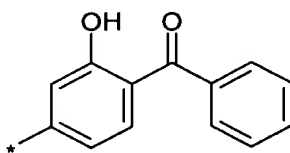
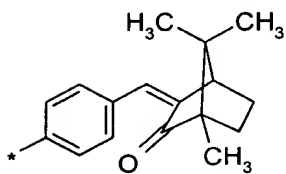
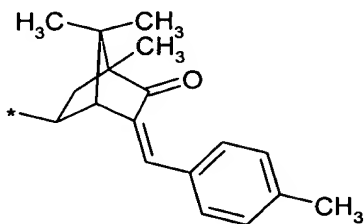
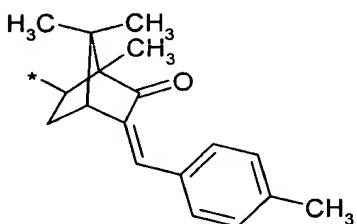
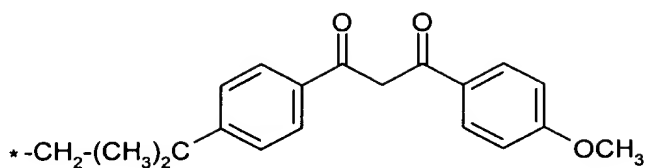
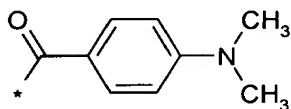
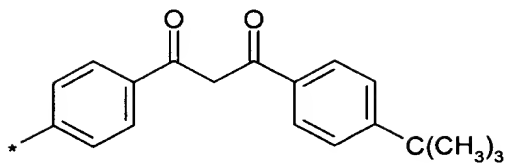
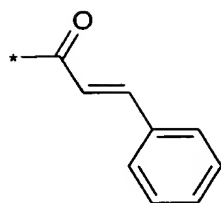
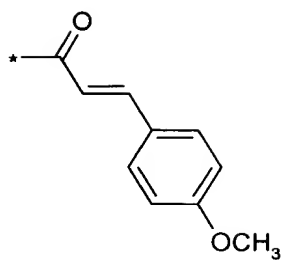
R^1 and R^2 , and R^3 and R^4 may be provided at any positions on the ring, and also

R^1 , R^2 , R^3 , R^4 and R^5 may be identical or different and independently of one another are $-H$, $-$

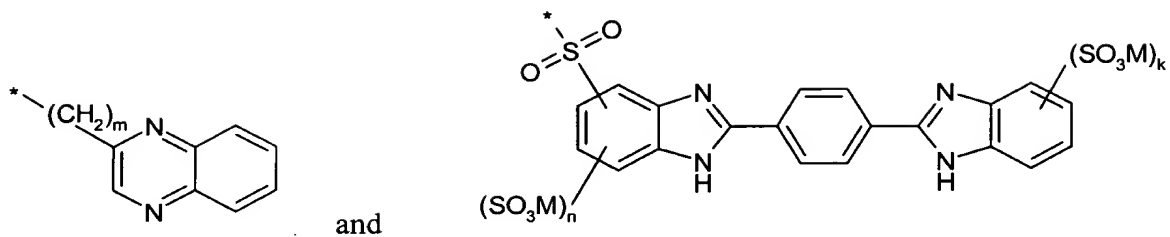
OH or $-OA$; and

A is a group which absorbs UV radiation selected:





C1



wherein n is 0, 1, 2 or 3,

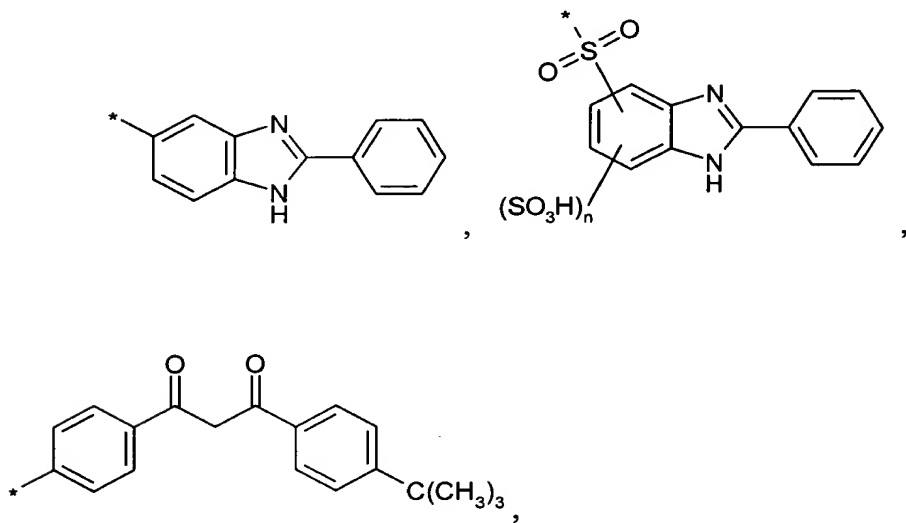
m is 0 or 1,

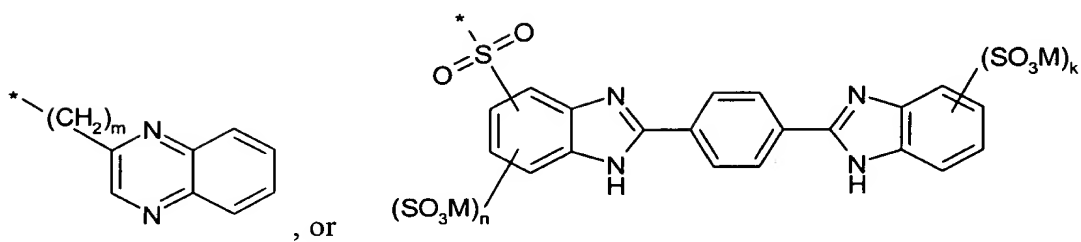
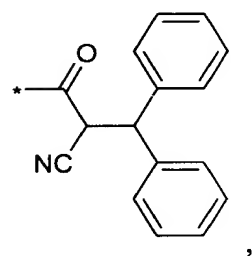
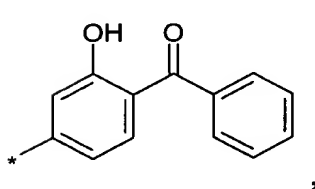
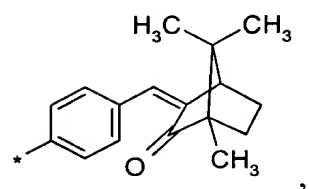
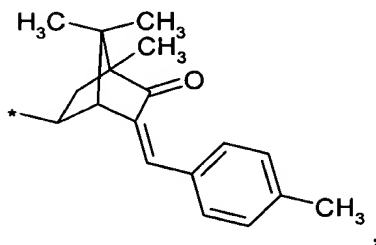
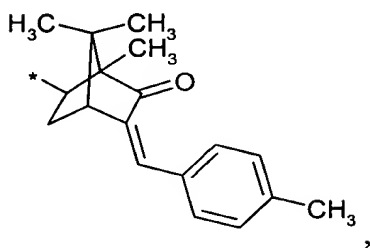
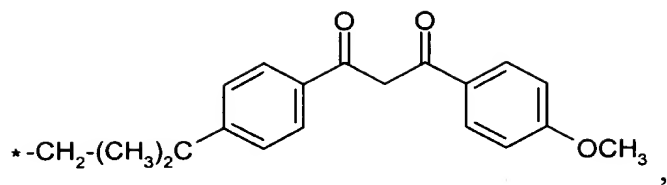
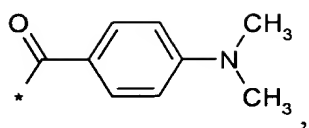
k is 0, 1, 2, 3 or 4, and

M is H, Na or K;

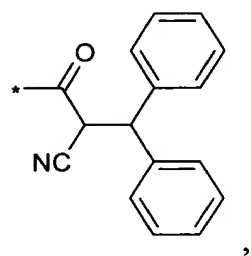
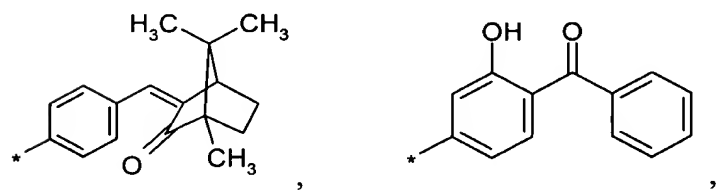
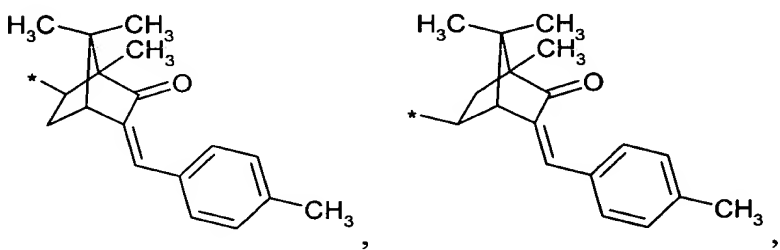
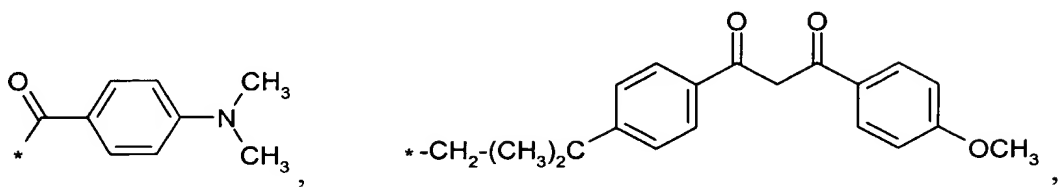
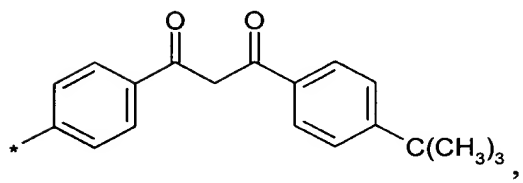
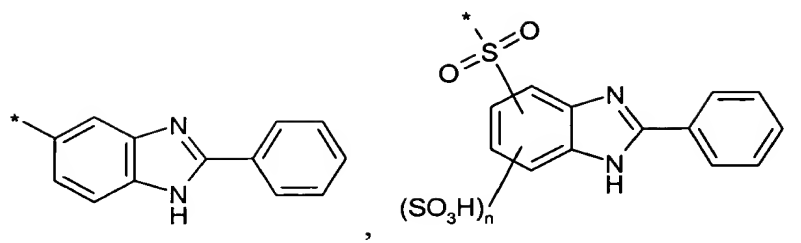
and at least one of the groups R^1 , R^2 , R^3 , R^4 or R^5 is $-OA$.

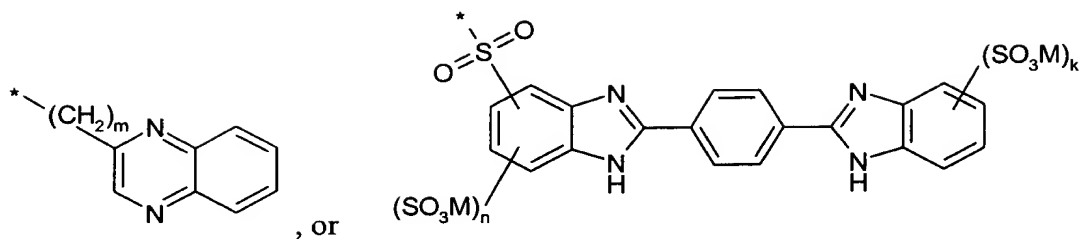
28. (New): A compound according to claim 1, wherein and at least one of the groups R^1 , R^2 , R^3 , R^4 or R^5 is OA in which A is





29. (New): A compound according to claim 2, wherein and at least one of the groups R^1 , R^2 , R^3 , R^4 or R^5 is OA in which A is

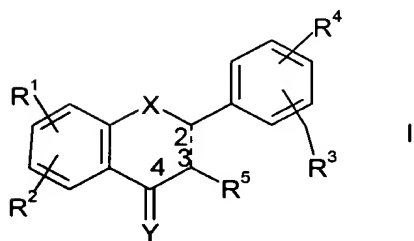




30. (New): A method according to claim 11, wherein said patient is treated for reduction of skin ageing.

31. (New): A method according to claim 12, wherein said patient is treated for reduction of skin ageing.

32. (New): A compound of the formula I



where

X is O, S or NH;

Y is O, S or NH;

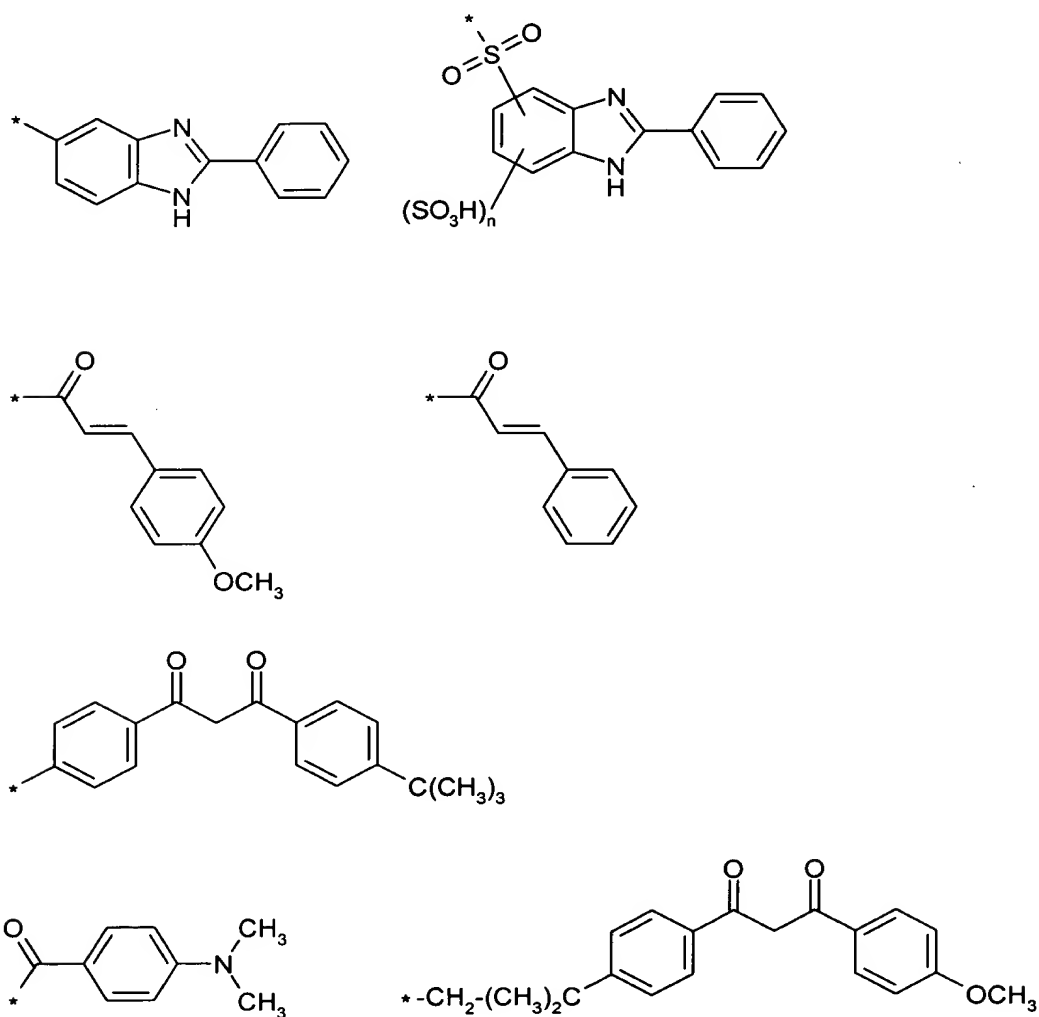
a single or double bond may be provided between carbons C-2 and C-3;

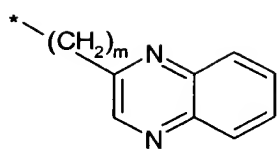
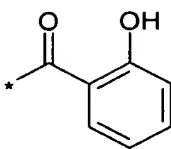
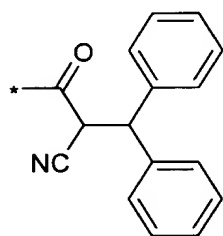
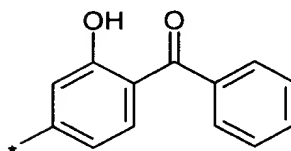
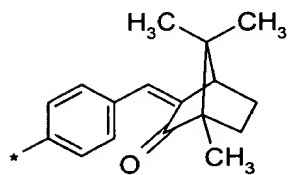
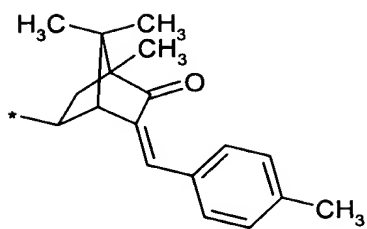
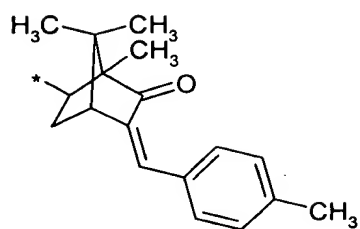
R¹ and R², and R³ and R⁴ may be provided at any positions on the ring, and also

R^3 , R^4 and R^5 may be identical or different and independently of one another are $-H$, $-OH$ or $-OA$;

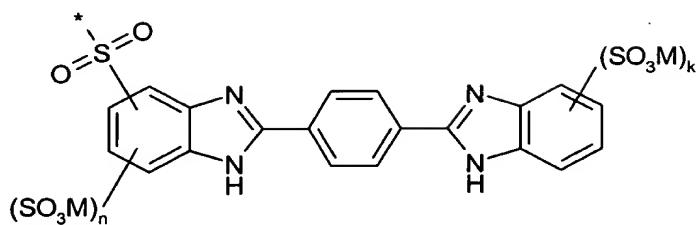
R^1 and R^2 may be identical or different and independently of one another are $-H$, $-OH$ or $-OA'$;

A is a group which absorbs UV radiation selected from:



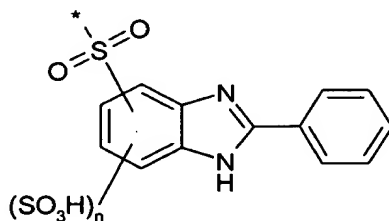
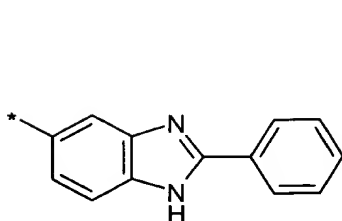


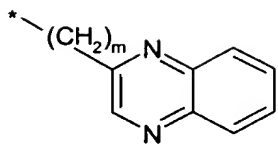
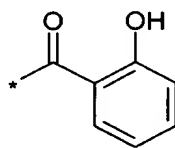
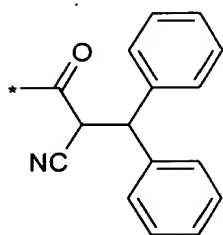
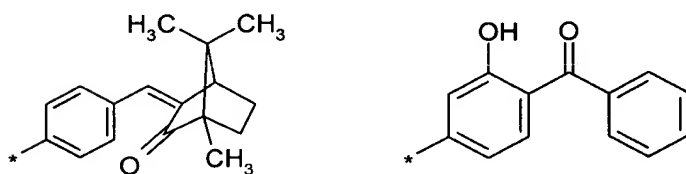
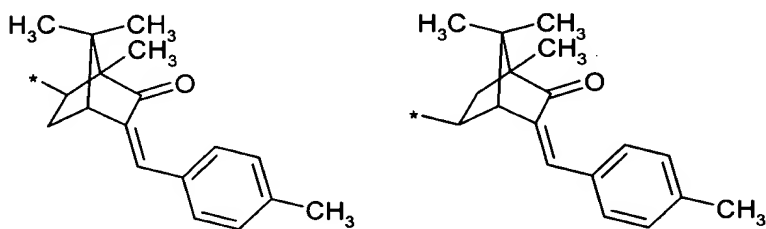
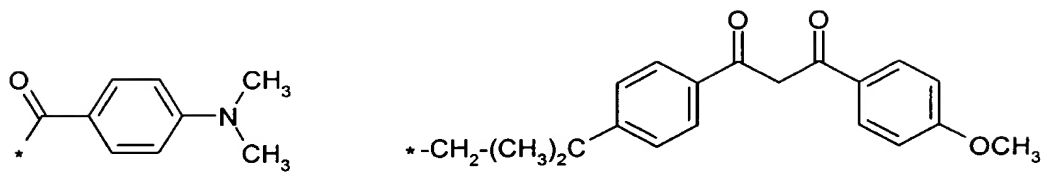
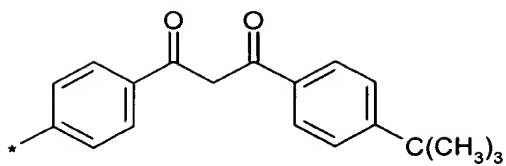
and



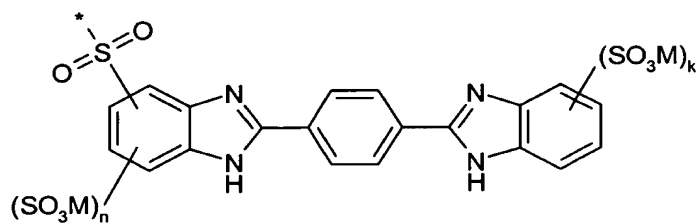
;

A' is a group which absorbs UV radiation selected from:





and



n is 0, 1, 2 or 3;

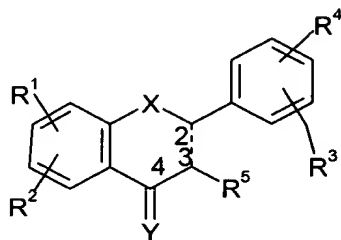
m is 0 or 1;

k is 0, 1, 2, 3 or 4; and

M is H, Na or K;

wherein at least one of the groups R^3 , R^4 and R^5 is $-OA$ or one of the groups R^1 and R^2 is $-OA'$.

33. (New): A compound of formula I



wherein

X is O, S or NH;

Y is O, S or NH;

a single or double bond may be provided between carbons C-2 and C-3;

R^1 and R^2 , and R^3 and R^4 may be provided at any positions on the ring, and also

R^3 , R^4 and R^5 may be identical or different and independently of one another are $-H$, $-OH$, $-$

OA , a straight-chain or branched oxyalkyl or carboxyalkyl group having 1 to 12 carbon

atoms, a straight-chain or branched oxyalkenyl or carboxyalkenyl group having 2 to 12

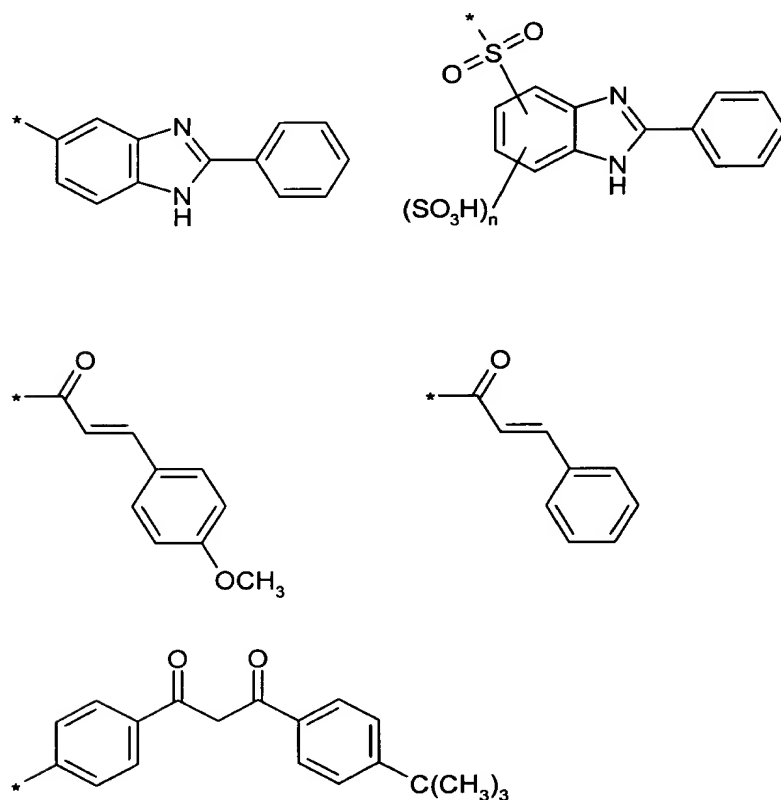
carbon atoms, a straight-chain or branched hydroxyoxyalkyl group having 1 to 12 carbon

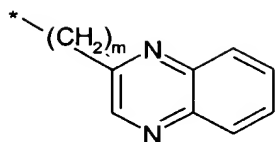
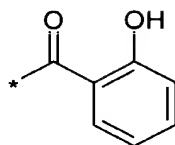
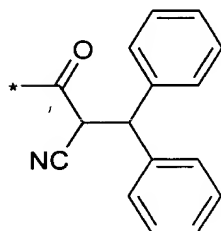
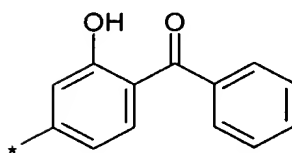
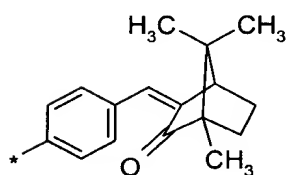
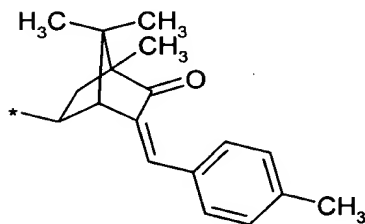
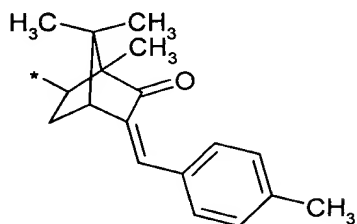
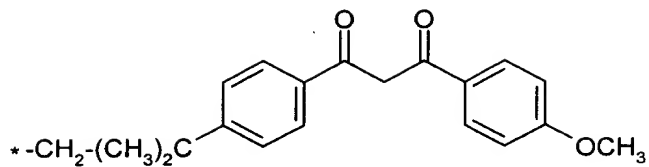
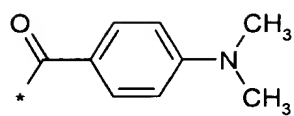
atoms, where the hydroxyl group is bonded to a primary or secondary carbon atom and the

alkyl chain is optionally interrupted by oxygen, a sulphate group, a phosphate group, or a mono- or oligoglycosyl radical;

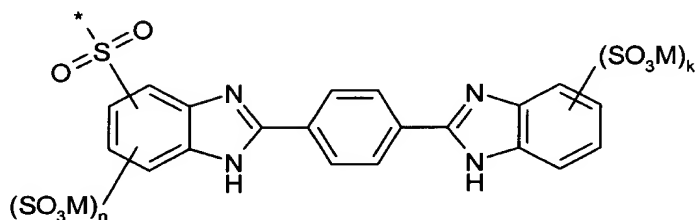
R^1 and R^2 may be identical or different and independently of one another are $-H$, $-OH$, $-OA'$, a straight-chain or branched oxyalkyl or carboxyalkyl group having 1 to 12 carbon atoms, a straight-chain or branched oxyalkenyl or carboxyalkenyl group having 2 to 12 carbon atoms, a straight-chain or branched hydroxyoxyalkyl group having 1 to 12 carbon atoms, where the hydroxyl group is bonded to a primary or secondary carbon atom and the alkyl chain is optionally interrupted by oxygen, a sulphate group, a phosphate group, or a mono- or oligoglycosyl radical

A is a group which absorbs UV radiation selected from:



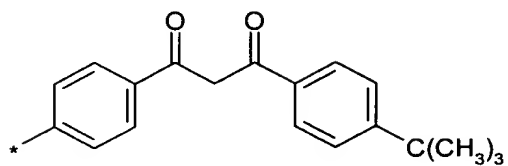
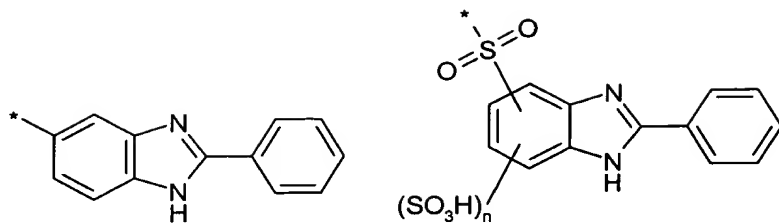


and

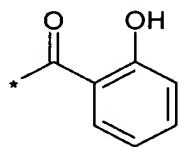
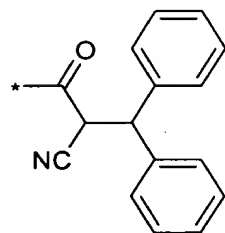
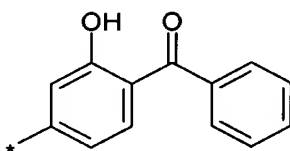
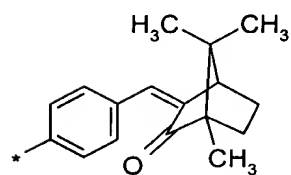
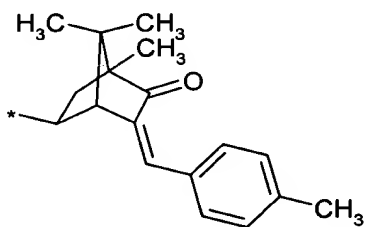
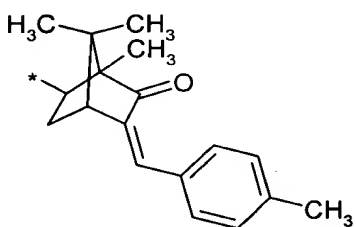
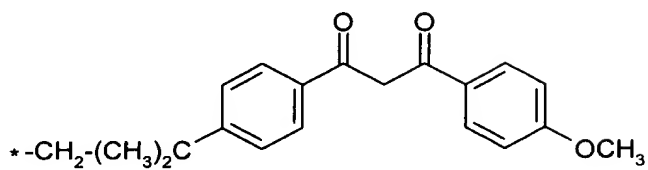
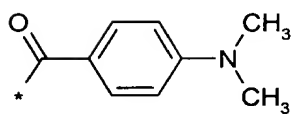


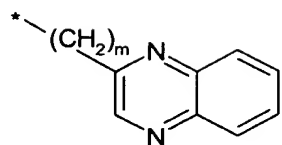
;

A' is a group which absorbs UV radiation selected from:

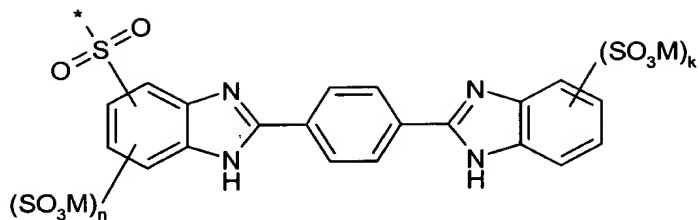


C1





and



n is 0, 1, 2 or 3;

m is 0 or 1;

k is 0, 1, 2, 3 or 4; and

M is H, Na or K;

wherein at least one of the groups R^3 , R^4 and R^5 is $-OA$ or one of the groups R^1 and R^2 is $-OA'$.